OR AN

Almanack and Prognostication

for the year of our Lord, 1658.

Being the second from Bissextile or Leap year, and from the Creation of the World, 5607.

Wherein is contained the state of the whole year, the Eclipses, Lunations, Conjunctions, & Aspects of the Planets, with the Rising, Southing and Setting of the Sun, Moon, and Fixed stars every day in the year. Together with short directions to finde the true hour of the Day and Night at all times, without Instrument: with other Observations very easie and requisite for men of all sorts.

Calculated according to Art, and referred to the Longitude of 23 deg. 44 min. Latitude of 52 deg. 40 m. fitting exactly all the middle Counties of *England* (as *Rutland*, *Leicester*, *Northampton*, *Lincoln*, *Huntington*, *Cambridge*, *Bedford*, *Warwick*, *Nottingham*, *Darby*, *York*, *Stafford*, &c.) and without sensible errour the whole Nation.

By VINCENT WING Mathemat.

Quam juvabat (quo nihil majus parens
Naturæ genuit, operis immensi artifex)
Totum intueri Solis & cursus sacros,
Mundique motus, Solis alternas vices,
Orbemque Phœbes, Astra quem cingunt vaga,
Lateque fulgens Ætheris magni decus.
Seneca in Octavia, Act. 11. Sc. 1.

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Common Notes observable for this present year 1658. according to

The Julian, English, or Old account.		The Gregorian, Foreign, or New account
6	The Golden Number	6
6	The Cycle of the Sun	6
6	The Epact	28
C	The Dominical Letter	F
11	The Roman Indiction	11
21	The Number of Direction	14

A Table shewing when the Terms begin and end, with the number of their Returns, and day of the Moneth wherein they will be this present year, 1658.

Hilary Term begins January 23. & ends February 12. and hath 4 returns, viz.	Octab Hillarii	Jan. 30
	Quind. Hillar.	Jan. 27
	Craft. purif.	Febr. 4
	Octab. purif.	Febr. 9
Easter Term begins the 18 day of April, and ends the 21 of May, and hath 5 returns, viz.	Quind. pasch.	April 30
	Tres paschæ.	May 1
	Mens. paschæ	May 19
	Quinq. pasch.	May 17
	Craft. ascens.	May 21
Trinity Term begins the 11 of June, & ends the 3, and hath 4 returns, viz.	Craft. Trinit.	June 1
	Octab. Trin.	June 8
	Quind. Trin.	June 15
	Tres Trin.	June 22
Michaelmas Term begins the 23 of October, and ends the 29 of November, and hath 6 returns, viz.	Tres Mich.	October 30
	Mense Mich.	October 31
	Craft. Anim.	Novemb. 1
	Craft. Mart.	Novemb. 8
	Octab. Mart.	Novemb. 15
	Quind. Mart.	Novemb. 22

The Golden Planet Venus is a bright morning star, from the beginning of the year, until the 17 of April, at which time she is with the Sun, and from thence she is a glittering evening star, till Febr. 1. 1659.

Veneris ingens Sidus, cùm antegreditur Solem, εωσφορος Græcè, Lucifer Latinè dicitur: cum verò subsequitur, Hesperus. Occasu refulget, vesper, vesperugo, & ἕσπερος & app. Ital.

A Table shewing the Bearing, Distance, Longest day, and difference of Meridians of most of the principal Cities in the world, from the famous City of LONDON.

Names of the Places.	The way or point of bearing	Their distance in miles	Longest Day. Ho. min.	Difference of Meridians. Ho. min.
Alexandria in Egypt	S. E. by E.	2165	14 00	2 42 A
Amsterdam in Holland	E by N.	0166	16 40	0 28 A
Athens in Greece	S. E. by E.	1624	14 40	0 56 A
Antwerp in Brabant	East ferè	0248	16 28	0 24 A
Antioch	Ea. So. Ea.	2315	14 26	3 16 A
Barwick	North ferè	0267	17 24	0 02 A
Babylon	Ea. S. Ea.	2724	14 25	3 56 A
Burdeaux in France	South ferè	0360	15 25	0 08 S
Bethsaida	S. E. by E.	2309	14 06	2 29 A
Bermoodas	W. S. W.	3400	14 10	4 56 S
Calicute in East India	So. E. by E	5214	12 20	6 08 A
Calice in France	Ea. by So.	0286	16 25	0 09 A
Constantinople	Ea. So. Ea.	1547	15 15	2 24 A
Charon in Mesopotamia	Ea. So. Ea.	2466	14 30	3 36 A
Dublin in Ireland	Nw. by W.	0296	17 15	0 26 S
Dantzick	Ea. N. Ea.	0961	17 05	1 44 A
Damascus	Ea. So. Ea.	2404	14 15	3 16 A
Edinburg in Scotland	North	0328	17 40	0 00
Ephesus	E. So. Ea	1808	14 40	2 30 A
Florence	South-east	0801	15 10	0 57 A
Flanders	East ferè	0242	16 15	0 47 A
Hamburg	Ea. N. Ea	0538	18 00	0 56 A
Hierusalem	S. E. by E	2352	14 08	3 03 A
Ireland	N N. W	0930	21 44	0 52 S
Joppa	S. E. by E.	2138	14 06	3 02 A
Lake of Sodom	S. E. by E.	2409	14 04	3 28 A
Lisbon in Portugal	So. So. W.	0985	14 45	1 00 S
Middleburg in Zeland	East	0205	16 30	0 20 A
Mentz in Germany	East	0410	16 25	0 45 A
Millain	So. E. ferè	0645	15 22	0 48 A
Morocco in Barbary	So. So. W.	1449	14 00	2 28 S
Mexico	W. by So.	3844	13 20	5 59 S
Naples	S. E. by E.	1051	14 50	1 16 A
Nineveh	Ea. So. Ea.	2363	14 30	3 52 A

Paris in France	So.so.Ea.	0	21	5	15	57 0 10 A
Philippos in Macedonia	Ea.so.Ea.	1	39	5	15	10 2 10 A
Prague in Bohemia	East *fere*	0	7	0	0	16 25 1 14 A
Quinzay, the greatest city	East by so.	7	27	2	13	35 11 28 A
Rome (in the world	S.E. by E	0	8	8	7	15 04 1 07 A
Spiers	Ea.by sou.	0	43	0	16	02 0 46 A
Strawsborow	Ea.by sou.	0	43	2	16	00 2 41 A
Toledo in Spain	So.by west	6	93	4	14	36 0 36 S
Troy	Ea.so.Ea.	1	60	5	15	00 2 24 A
Tumbes	S w. by w.	6	04	9	12	15 6 56 A
Venice	Ea. so. Ea.	0	74	4	15	28 1 03 A
Sivill	So. by W.	0	95	0	14	40 0 32 S
York	North *fere*	0	1	5	0	17 0 0 00 A
Cæsaria in Cappadocia	*E. so. E.*	1	06	4	14	50 3 06 A
Cleve	East	0	30	3	16	36 0 32 A
LONDON.		0	00	0	16	25 0 00

To finde the time of the Suns rising and setting, and length of the Day and Night.

IN the 3 column of the Almanack (amongst the Festival days) is set down the true time of the Sun-rising & setting for every 3 or 4 day in the year, but if you would have it for the intermediate dayes you must make proportion. As upon the 6 day of *March* the Sun sets at 5 a clock & 52 min. the 10 day he riseth at 6, and the 13 day he sets at 6 & 6 m. the difference therefore of the Sun setting in 7 days is 14m. so that every day gets 2 min, therefore by adding 2 m. every day, you wil find that he he sets the 7 day at 5 & 54 m. the 8 day at 5 & 56, the 9 day at 5 & 58, & the 10 day at 6 a clock.

Now to find the length of the day, you must double the time of Sun-setting, or the time of Sun-rising for the length of the night. As the 3 day the Sun riseth at 6 & 14m. which doubled, gives the length of the night 12 h. 28 m. So the 6 day he sets at 5. & 52 m. and therefore the length of the day 11 ho. 44 min.

Although the way here delivered be plain enough, yet that I may fit every one, I have set down the time of the Sun-rising or setting every 3 or 4 days by which means the Reader will not trouble himself to take the proportional part. And lastly for the length of the night, it is set down in the Blank-paper against the day of the month, which is a setting easie, that unless the Reader could finde out a more plain and easie way cannot be contented.

To find the true time of the Moons coming to the South.

In the following Table you have the moons coming to the South point ready set down against the day of the moneth, therefore finde your moneth on the top of the Table, and your day in the first row on the left hand, under the title dayes, and in the angle of meeting you have the hour and min. of her Southing desired.

As upon the 4 of *January*, I find that the Moon will be South, at 8 a clock, and 7 m. in the afternoon: therefore if you see her that evening in the South, you may conclude that to be the hour of the night. But if you see her (upon your Sun-Dial) in the 11 a clock stead, it is no more then 7 a clock and 7 min. if in the 10 a clock stead, but 6 a clock, and 7 m. &c. Againe, admit the same night, you should see her in the 1 a clock stead, it is then 9 a clock, and 7 m. if in the 2 a clock stead, 10 a clock, and 7 m. &c. The reason hereof is because that how much the shadow on the Dial either wants or is past the hour of 12, so much is the time of the night more or less then the hour expressed in the Table.

Thus by observing these short directions, you may (by the help of a Sun-dial) discover the night hour at all times, if the moon shine; but because she is not always seen, I have inserted short rules in the latter part of the Almanack, how you may also learn speedily the Night-hour by the stars, which is of excellent use, and so easie, that every one may understand it.

To know the true time when the Moon riseth & setteth.

To avoid the common Rules vainly delivered by some of our yearly Prognosticators, to find the moons rising & setting, I have taken the pains, in regard of their errour, to calculate the time thereof exactly, and the more willingly, because of the admirable use thereof in finding the true hour of the night: and to that end I have, in the last column of the left-hand page of the Almanack, set down the Noctum rising and setting of the moon in hour. & min. namely, her rising from the Full moon to the New, and her setting from the New moon to the Full moon, as there is made fully expressed.

When therefore it is required to know at what hour and min. the moon riseth or setteth, we must cast your eye upon the 6 column of the Almanack under the title of, The moons rising & setting, and right against the day of the moneth you shall finde what you desire, without further trouble.

As upon the 6 day of January, you may there see that the moon sets at 5 a clock and 46 min. in the morning, the 7 day at 6 & 13 min. & the 8 day at 6 a clock & 32 min. So also after the Full moon I seek her rising the tenth day of the same moneth, which in the said row I find at 6 a clock & 8 min. at night, the 11 day at 7 & 31 min. and the 12 day at 8 & 55 min. And so of the rest.

A Table shewing the hour and minute of the Moons coming to the South the first six moneths of this year, 1658.

Days	January hou.	mi	Februar. ho.	min.	March ho.	min.	April ho.	m in.	May h	.min.	June ho.	min
1	5	A 5-	5	A 42	5	A 27	6	A 55	7	A 25	8	A 35
2	6	38	,	31	6	17	7	47	8	15	9	29
3	7	2	8	23	7	09	8	38	9	06	10	27
4	8	7	9	16	8	03	9	28	9	58	11	30
5	8	54	10	9	8	55	10	22	10	52	12	35
6	9	45	11	3	9	49	11	16	11	51	Mor.	35
7	10	38	11	58	10	42	12	12	12	53	1	37
8	11	32	12	53	11	35	Mor.	12	Mor:	53	2	31
9	12	29	Mor.	53	12	30	1	10	1	57	3	27
10	Mor.	29	1	45	Mor.	36	2	12	3	00	4	15
11	1	25	2	37	1	25	3	14	3	59	5	01
12	2	15	3	31	2	21	4	15	4	52	5	45
13	3	6	4	24	3	20	5	14	5	42	6	27
14	3	55	5	20	4	19	6	06	6	28	7	10
15	4	44	6	17	5	18	6	57	7	12	7	52
16	5	35	7	14	6	16	7	44	7	54	8	36
17	6	28	8	11	7	12	8	28	8	35	9	21
18	7	24	9	04	8	03	9	11	9	16	10	08
19	8	21	9	58	8	53	9	55	9	58	10	58
20	9	18	10	46	9	40	10	36	10	43	11	50
21	10	16	11	34	10	24	11	19	11	31	12.	40
22	11	12	12	17	11	06	12	01	12	20	1	A 31
23	12	3	1	A 2	11	49	0	A 46	1	A 8	2	21
24	0	A 52	1	43	12	30	1	34	2	00	3	11
25	1	37	2	26	1	A 13	2	23	2	51	3	59
26	2	20	3	09	1	58	3	13	3	40	4	47
27	3	03	3	52	2	43	4	04	4	30	5	36
28	3	45	4	39	3	31	4	55	5	18	6	23
29	4	26	●		4	21	5	45	6	07	7	15
30	5	09			5	12	6	36	6	55	8	08
31	5	55			6	03			7	45		

A Table shewing the hour and minute of the Moons coming to the South the last six moneths of this year, 1658.

Days	July ho.	min.	August ho	min	Septemb. hou.	min	Octob. ho.	min	Novem. hou.	min.	Decem. o.	min.
1	9 A	7	10 A	56	12 A	15	12 A	32	Mor.	44	Mor.	57
2	10	09	11	51	Mor.	15	Mor.	32	1	32	1	47
3	11	11	12	42	0	59	1	15	2	22	2	35
4	12	12	Mor.	42	1	42	2	00	3	11	3	24
5	Mor.	12	1	29	2	26	2	47	3	59	4	09
6	1	09	2	13	3	11	3	35	4	48	4	55
7	2	00	2	56	3	56	4	24	5	37	5	41
8	2	48	3	39	4	44	5	14	6	24	6	28
9	3	34	4	21	5	33	6	05	7	12	7	15
10	4	17	5	07	6	23	6	54	7	59	8	05
11	5	01	5	54	7	14	7	43	8	46	9	01
12	5	43	6	42	8	05	8	31	9	39	10	01
13	6	25	7	32	8	56	9	21	10	32	11	02
14	7	11	8	25	9	47	10	11	11	32	0 A	6
15	7	58	9	16	10	38	11	03	0 A	33	1	07
16	8	47	10	08	11	29	11	58	1	37	2	07
17	9	38	10	58	12	19	0 A	55	2	39	3	03
18	10	29	11	50	1 A	13	1	55	3	39	3	54
19	11	21	12	40	2	07	2	56	4	35	4	41
20	12	13	1 A	30	3	03	3	58	5	26	5	25
21	1 A	03	2	20	4	03	4	57	6	15	6	09
22	1	53	3	13	5	01	5	55	7	01	6	52
23	2	42	4	06	6	01	6	48	7	45	7	33
24	3	31	5	02	6	59	7	37	8	26	8	18
25	4	19	5	59	7	53	8	22	9	06	9	02
26	5	10	6	58	8	45	9	07	9	49	9	50
27	6	03	7	56	9	38	9	50	10	32	10	37
28	6	57	8	53	10	20	10	32	11	20	11	28
29	7	58	9	48	11	05	11	15	12	08	12	18
30	9	04	10	41	11	48	11	58	Mor.	8	Mor.	18
31	10	08	11	29			12	44			1	6

☽ First quarter the 1 day at 44 min. past 12 at noon
○ Full moon the 9 day, 50 min. past 10 in the morning
☾ Last quarter the 16 day, 45 min. past 8 in the morning.
● New moon the 23 day, 33 min. past 10 in the morning.
☽ First quarter the 31 day, 31 min. past 10 in the forenoon

M. D.		Holy & festival days, with Sunset	Moons Sign	&	The Planets Aspects & change of air, &c	Moons Rising & Setting	
1	a	Newyeares.	aries	21	High winds about this	o M	28
2	b	Sun rise 8 5	taur	3	☌ time, raising	1	32
3	c	Enoch	taur	15	snow. ☉ 23 42 ♒	2	35
4	d	Mathusala	taur	27	*Speak and spare not.*	3	37
5	e	Sun set 3 59	gemi	9	Showers. △☌☿ 1c p	4	33
6	f	Twelf day	gemi	21	more fair and tempe-	5	26
7	g	Julianus	canc	4	☍☿☾ rate.	6	13
8	a	Erhard	canc	17	☽☌♂ 12. wind and	6	51
9	b	Sun rise 7 56	leo	9	snow. Td ♄ ☿.		
10	c	1 sun. af. Epi	leo	14	Frosty. 22 ☿ ☿	6 A	08
11	d	Hyginus	leo	28	Fair and cleer.	7	31
12	e	Satyrius	virg	12	△☿☾ 6 a. close air.	8	55
13	f	Hillary	virg	26	some fleet. ☌♄☾ 13	10	16
14	g	Sun set 4 12	libra	10	Cloudy. △☿☽ 6 a.	11	35
15	a	Maurus	libra	25	□☉☍♀ Remission	12	54
16	b	Marcell.	scor	9	of cold. △♄☿ 19.	mor.	54
17	c	2 sun. af. Epi	scor	23	Bq ☉ ♅. cleering.	2	11
18	d	Prisca	sagit	7	Cold rain, snow, or	3	26
19	e	Sun rise 7 41	sagit	21	□♄☿ 4 p. fleet.	4	30
20	f	Fab. Seb.	capr	4	*Justice attende the*	5	19
21	g	Agneta	capr	18	*treacherous person.*	6	08
22	a	Sun set 4 23	aqua	1	Td ☌ ☿. moist.	6	40
23	b	Term begins	aqua	15	Frost, inclin. to snow.	New ☾	
24	c	3 sun. af. Epi	aqua	28	△♅☿ 9 p. windy.	6 A	30
25	d	Conv. Pauli	pisce	11	Indifferent. ✱☌☾ 2 p.	7	43
26	e	Sun rise 7 29	pisce	23	Scarce fair.	8	54
27	f	Chrysо	aries	5	△☉♄ 2 p. snow.	10	04
28	g	Caro. Mag.	aries	17	*Meddle not with edge*	11	10
29	a	Samuel	aries	29	*tools.* Vc ♅☿	12	14
30	b	Sun set 4 39	taur	11	Frost-like. ☌☌☾ 7 p.	mor.	14
31	c	4 sun. af. Epi	taur	23	seasonable.	1	16

Moons setting. Moons rising. Moons setting.

The { 2 day at 4 in the morning, Mars / 4 day at 9 morning the 7 ſtars / 7 day at 10 before noon Jupiter. / 14 day at 1 morning Saturn / 21 day at 5 at night Venus / 24 day at 6 at night Mercury } is with the Moon.

Day 1. the morning-ſtar riſeth at 6 a clock, and 21 minutes.

D	h	min	
1	9	A 0	*Full Sea at* London-bridge
2	9	44	Capt. *Hotham* beheaded, 1644
3	10	28	Sir *John Hotham* beheaded
4	11	12	*Mercury* with the Sun
5	12	0	☽ with *Aldebaran*
6	12	51	Day 8 hours
7	mor.	51	
8	1	44	
9	2	38	
10	3	35	The arch Biſhop of Canterbury beheaded, 1645
11	4	29	
12	5	21	
13	6	12	
14	7	01	
15	7	50	
16	8	41	Day 8 hours 30 min.
17	9	34	Scots invade *England*, 1644
18	10	30	*Mercury* oriental, and *Moon* with *Corn*
19	11	27	Bodmin Fight, 1643
20	0 A	24	*The old way is beſt, when all's done*
21	1	21	
22	2	18	
23	3	09	
24	3	58	
25	4	43	
26	5	26	Day 9 hours
27	6	09	
28	6	51	
29	7	32	*Mercury* in his greateſt Digreſſion from the Sun
30	8	15	King *Charls* beheaded, 1648
31	9	01	

● Full Moon the 7 day, 53 min. past 11 before noon.
☾ Last quarter the 14 day, at 5 a clock at night.
● New Moon the 22 day, 32 min. past 2 in the morning.

M.D.	☿'D	Holy & festival days, with Sunlet	Moons Sign	The Planets Aspects, & charge of air, &c.	Moon Rise and Setting	
1	D	Sun rise 7.10	gem. 5	☌q♄♀. windy & cold	2 m. 16	Moons Varying.
2	E	Purif. Mary	gem. 17	Cloudy. Td♄♀	3 12	
3	F	Blasius	gem. 29	☌q♀♃ ☍☾ 3 p. fair	4 01	
4	G	Sun set 4. 51	canc 12	*A great man loseth--*	4 43	
5	a	Agatha	canc 25	Snow-like. Vc♄☌.	5 18	
6	b	Doroth.	leo 9	☌♂♀☾ 3 p. Cloudy	5 48	
7	c	Septuagesim	leo 23	Frosty. ✶♄ & □☌☾	Full ☾	
8	D	Sun rise 7. 1	virg. 7	△⊙♃ 12 p. Fair and	6 A 39	
9	e	Apollon.	virg. 21	cleering. SS♀♀	7 53	
10	f	Scholast.	libra 6	□♃ 3 a. gentle wind	9 16	
11	G	Sun set 5. 5	libra 21	Cloudy & inclining to	10 40	
12	A	Term ends	scor. 5	△♄♀ 6 a. cold rain.	12 00	Moons filling.
13	b	Agabus	scor. 20	Wind and Clouds	mo. 00	
14	c	Sexagesima	sagit 3	Variable. ☍☌♀	1 15	
15	D	Sun rise 6.47	sagit 17	Bq♄☌. ✶♄ & ✶☽	2 22	
16	e	Juliana	capr. 1	☌⊙♀ 7 p. About this	3 19	
17	f	Constan.	capr. 14	time very windy, and	4 05	
18	g	Sun set 5. 19	capr. 28	□☌♀ 3 a. hasty show-	4 40	
19	a	Sim. Ap.	aqua 11	ers of rain. Bq⊙♄	5 10	
20	b	Euchar.	aqua 24	Td⊙♃. scarce fair.	5 31	
21	c	Shrove Sund.	pisc. 6	Cleering. ☌♀☾ 7 a.	5 51	
22	D	Sun rise 6.33	pisc. 19	△♃♀ 7 p. seasonable	New ☾	Moons Tarrying.
23	e	Serenus	aries 1	☌♂♀ 3 p. wind and	7 A 51	
24	f	Matthias A.	aries 13	wet *Begin well, and*	8 58	
25	g	Sun set 5. 33	aries 25	*end well. Non omnibus*	10 05	
26	a	Nestor	taur. 7	*idem.* ✶♀☾ 7 a. The	11 07	
27	b	Fortuna	taur. 19	□☌♀ 12. wind is	12 08	
28	c	Invocavit	gem. 1	aloft. ☌☌☾ 0.	mo. 08	

The { 3 day at 3 afternoon Jupiter / 11 day at 7 morning Saturn / 10 day at 9 night Venus / 21 day at 7 morn. Mercury / 28 day at noon, Mars / same day at 1 morn. 7 stars } is with the Moon.

Day 1. The Morning-star riseth at 6 a clock and 17 min.

D.	hour.	min.	
			Full Sea at London-bridge
1	9 A	48	Day 9 ho. 30 min.
2	10	37	
3	11	29	*From abroad we may expect to hear of some con-*
4	11	22	*travers'es and jarrings, East & South-east from us,*
5	mor.	22	*yet if we quarrel not at home, we are exceeding*
6	1	15	*happy.*
7	2	09	
8	3	04	
9	3	58	Day 10 hours
10	4	51	
11	5	43	
12	6	37	Venus with the left shoulder of *Aquarius*
13	7	30	
14	8	23	
15	9	20	
16	10	26	Day 10 ho. 30 min.
17	11	17	
18	11	10	A great Sea-Fight between the Englisth and
19	1 A	04	the Dutch, where the Dutch were beaten, 1652.
20	1	52	The 18 day Mars is 2 deg. and 39 min. under the
21	2	40	7 stars.
22	3	23	
23	4	08	Day 11 hours
24	4	50	*Follow not the fond conceits of men, when once*
25	5	32	*thou knowest their fallacy.* Scire enim errorem, e-
26	6	15	umq; non emendare, sed in illo perseverare, con
27	6	58	tumacis est.
28	7	45	

☽ First quarter the 2 day, 18 min. past 6 in the morning.
● Full moon the 9 day 23 min. past 10 in the morning.
☾ Last quarter the 16 day, at 1 and 49 min. in the morn.
● New moon the 23 day, 31 min. past 6 at night.
☽ First quarter the 31 day, at 1 and 40 min. at night.

☉	☽	Holy & festival days, with Sunser	Moons Sign		The Planets Aspects, & change of air, &c.	Moons Sign & Sems	
1	♄	David	gemi	13	Cloudy. △♄☾ 8 p.	♊	5
2	♃	Chad	gemi	25	Bq ♄ ☿. some wind	♊	56
3	♂	Sun rise 6	14 canc	7	temperate. △☿☾	♋	41
4	☿	Adrian	canc	20	Td ♀. mixt weather	♋	26
5	☉	Eusebius	leo	3	warm. ✱♂☾ 2 p.	♌	53
6	♄	Sun set 5	51 leo	17	Vc ♄ ☿. rain-like.	♌	19
7	☾	2 sun in lent	virgo	1	windy. □♂ & ☍♂☾	♌	44
8	♀	Cyprian	virgo	15	Overcast, wet	♍	9
9	☿	Prudent	libra	0	□♃☽ 3 p. Fair, warm	Fair	
10	♂	Sun rise 6	0 libra	15	more cold. ☍♄☾ 2 p.	♎	8 A 25
11	♃	Cuniber	scor	0	☾ Perig. Fair gales	♎	9 46
12	☉	Gregory	scor	15	of wind.	♎	11 07
13	♄	Sun set 6	6 sagit	0	△☿☽ 2 a. milde.	♎	12 28
14	☾	3 sun. in lent	sagit	14	Fair, and warm.	♎	mor. 20
15	♀	Longin.	sagit	28	Very temperate.	♏	1 21
16	☿	Sun rise 5	48 capr	11	Winde & Clouds.	♏	2 14
17	♂	Gertrud	capr	25	Bq ♄ ☿. ☍♂☿.	♏	3 51
18	☉	Gabriel	aqua	8	Fair and warm	♏	5 21
19	♄	Joseph	aqua	20	Cool. △♄☾ 3 a.	♏	3 49
20	☾	Sun set 6	21 pisc	3	Fair.	♐	4 6
21	☾	4 sun. in lent	pisc	15	windy, cold. □♂☿ 6 a	♐	4 24
22	♀	Paulinus	pisc	28	Vc ♄ ☿. Fair winde	♐	4 Nest
23	☿	Sun rises	33 aries	10	Hail. △♄♂ 10 p.	♐	7 A 39
24	♂	Quirinus	aries	22	Cold and Cloudy, it	♐	9 04
25	☉		taur	4	not rain	♑	10 03
26	♄	Sun set 6	33 taur	16	Variable. ✱☿☾ 10 p	♑	11 04
27	☾	Jo. erem.	taur	28	*In cauda venenum*	♑	11 58
28	☾	5 sun. in lent	gemi	9	He *gives fair words*	♑	12 51
29	♀	Sun rises	21 gemi	21	Cold rain towards	♑	1 41
30	☿	Guido	canc	3	the end of	♒	mor. 41
31	♂	Balbina	canc	16	the moneth. □☿☾ 12 p.	♒	1 25

The { 1 day at midnight Jupiter
10 day at 2 afternoon Saturn
21 day at 8 morning Mercury
23 day at 4 morning Venus
27 day at 7 morning, 7 stars
29 day at 6 morning Mars
30 day at noon Jupiter } is with the moon.

Day 1. the morning-star riseth at 6 a clock and 5 min.

Dha.	min.	*Full Sea at* London-bridge.
1 8	A 33	
2 9	23	
3 10	15	Day 11 ho. 30 min.
4 11	09	Sir *Henry Hyde* beheaded, 1650
5 12	01	
6 mor.	01	
7 0	55	*Mars* 6 deg. above the Buls eye
8 1	48	(1648
9 2	41	E. of *Holland*, L. *Capel*, & D. *Hamilton* beheaded
10 3	36	Dayes and nights are now of equal length, each
11 4	32	containing 12 hours.
12 5	28	
13 6	27	
14 7	26	
15 8	24	*Mercury* in his greatest Oriental Digression
16 9	22	
17 10	18	Day 12 ho. 30 min.
18 11	09	A Fight on Hopton-heath, 1643
19 11	59	
20 0	A 46	
21 1	30	Pontfract Caſtle ſurrendred, 1648
22 2	12	
23 2	55	
24 3	36	Day 13 hours
25 4	19	
26 5	04	
27 5	49	*Great Preparations for war in ſundry parts of*
28 6	37	*Europe.* Rumpit ſuo pondere pondus.
29 7	27	Brown *Buſbel* beheaded, 1651.
30 8	18	
31 9	09	

● Full Moon the 7 day just at 7 a clock at night
☾ Last quarter the 14 day, 4 min. before 12 at noon
● New Moon the 22 day at 11 in the morning
☾ First quarter the 30 day, 37 min. past 10 in the morning

☿ ☽	☉	Holy & festival days, with sunset	Moons Sign	The Planets Aspects & change of air, &c.	Moons Rising & Setting
1	g	Sun set 6. 46	canc 28	☌☍♅. Fair winds	2 M 01
2	a	Mar. Ægypt	leo 11	Cold. ✶♄☾ 6 p.	2 29
3	b	Christianus	leo 25	Some clouds.	2 55
4	c	Palm-Sund.	virg 9	□♅♀ 10 p. winds	3 17
5	d	Vincent	virg 23	☌☿♀ 8 p. and some	3 36
6	e	Sun rise 5. 5	libra 8	wet. ☌♅☽ 10 p.	4 00
7	f	Celestin.	libra 23	*Sine flamma combu-*	Full ☾
8	g	Dionysius	scor. 9	The 7 cloudy. *stus*	8 A 46
9	a	Sun set 7. 1	scor. 24	Variable. ☌☿♀.	10 06
10	b	Ezechiel	sagit 9	☌♄♀ 8 a. wind &	11 16
11	c	Easter day	sagit 23	rain. ☌☿☽ 5 p.	12 25
12	d	Julius	capr 7	Cold. ☌♅☽ 9 a.	mor. 15
13	e	Sun rise 4. 51	capr 21	□☿☾ 9 a. windy	0 58
14	f	Tiburt.	aqua 5	Overcast. □☿☽ 10.	1 30
15	g	Olympia	aqua 17	Cool wind. ☾♅☿	1 55
16	a	Carisius	pisc. 00	✶☉♅ 4 a. *Pluvia*	2 18
17	b	Sun set 7. 17	pisc. 13	☌☉☿ 7 p. *largæ.*	2 35
18	c	Low-sunday	pisc. 25	Fine April showers	2 52
19	d	Timoth.	aries 7	✶☌♀ 3 a. windy.	3 11
20	e	Sun rise 4. 38	aries 19	Indifferent	3 27
21	f	Adelar.	taur. 1	Fair winds.	3 48
22	g	Emanuel	taur. 13	Vc ☉♄ Rain-like	New ☾
23	a	Sun set 7. 27	taur. 25	☉13. 11 ♉. ☽Aspect.	9 A 04
24	b	Albertus	gem. 6	The air cold, and	9 58
25	c	S. Mark	gem. 18	☌☉☿ 10 p. the wind	10 48
26	d	Sun rise 4. 18	canc 00	very high.	11 31
27	e	Anastasius	canc 12	☌♅☾ 3 a. winds	12 06
28	f	Tempo[illegible] gin	canc 25	☌☿♀ 2 a. and wet	mor. 06
29	g	Sun set 7. 37	leo 8	✶♄☽ 9 p. Cold	0 36
30	a	Josua	leo 21	Winde & Clouds.	1 03

The { 8 day at 10 night, Saturn / 10 day at 6 morning Cor m / 12 day at 1 morn. Mercury / same day at 2 attern. Venus / 16 day at 10 at night Mars / 27 day at 3 morning Jupiter } is with the Moon.

Venus is with the Sun the 17 day, and becomes an Evening-star.

D	ho.min.	*Full Sea at* London-bridge.
1	10 A 01	
2	10 53	
3	11 44	Jupiter with bright foot of *Gemini*
4	12 34	
5	mor. 34	A Peace between *England* & *Holland* concluded,
6	1 28	1654
7	2 22	
8	3 18	Day 14 hours
9	4 17	
10	5 18	
11	6 20	Cap. *Hotham* routed at *Ancaster*, 1643
12	7 22	
13	8 19	*Exceter* surrendred to the Parliament, 1646
14	9 11	
15	10 03	
16	10 50	Day 14 hours 30 min.
17	11 34	*Great dissentions and much preparation for war in sundry parts of Europe. The English & French are prosperous.* Doceat experientia.
18	12 17	
19	1 A 01	
20	1 43	
21	2 25	
22	3 07	
23	3 52	*Hotham* denies the King entrance into *Hull* 1642
24	4 40	Day 15 hours
25	5 29	*Poyer* shot to death, 1649
26	6 19	
27	7 10	
28	8 01	
29	8 51	
30	9 42	The Moon with *Cor Leonis.*

☾ Full Moon the 7 day, 44 min. past 2 in the morning.
☾ Last quarter the 13 day, 36 min. past 11 at night.
☽ New Moon the 22 day, 44 min. past 2 in the morning.
☾ First quarter the 29 day, 4 min past 7 at night.

☽	☉	Holy & festiual days, with Sunset	Moons Sign	The Planets & change of aire, &c.	Aspects,	Moons Age & Setting
1	b	Phil. & Jacob	virg. 4	☌☿♂ 11 p.	Winde,	I M 26
2	c	☽ sun. af. Ea.	virg. 18	hail, and thunder,		I 46
3	d	Sun rise 4 16	libra 2	with rain △☿ 11 a.		2 07
4	e	Florian	libra 17	warm. □♂☾ 1 a.		2 28
5	f	Gothard	scor. 2	☾ Perig. Fair		3 51
6	g	Jo. a Port.	scor. 17	△♂☾ 3 a.	Winde	3 21
7	a	Sun set 7 50	sagit 2	☌♄☽ 9 a.	Raln and	Full ☾
8	b	Stanisl.	sagit 17	thunder. △♄☿ 7 p.		10 A 1
9	c	☽ sun. af. Ea.	capr. 2	A *malo ad pejus.*		10 51
10	d	Pancrat.	capr. 16	Turbulent weather.		11 32
11	e	Sun rise 4 4	aqua 00	♀ with Aldebaran		12 01
12	f	Gordian	aqua 14	Cloudy. △♄☾ 9 a.		mor. 1
13	g	Servatius	aqua 27	seasonable weather.		0 24
14	a	Fortuna	pisc 10	Temperate. ☌♃♀		0 43
15	b	Sun set 8 2	pisc 22	△♄♀ 0. cold rain.		1 01
16	c	Rogatio Sun	aries 4	☌♂♄☾ 16. Thunder		1 17
17	d	Jodocus	aries 16	□♄☿ 6 a. Rain and		1 35
18	e	Venant	aries 28	tempestuous air.		1 52
19	f	Sun rise 3 54	taur. 10	*Multæ difficultates* ☉		2 14
20	g	Ascensio day	taur. 21	*prælia existunt.*		2 40
21	a	Prudent.	gemi 3	more favourable		3 14
22	b	Sun set 8 9	gemi 15	weather. ☌♀☾ 11 p.		New ☾
23	c	Exaudi	gemi 27	△☉♄ 4 a. Hail and		9 A 26
24	d	Terma ends	canc 10	thunder. ☌☉☿		10 04
25	e	Urbanus	canc 22	Hot. ☌♂☾ 3 p.		10 40
26	f	Sun rise 3 47	leo 4	✶♄☾ 15. Fair.		11 01
27	g	Beda	leo 17	Temperate		11 29
28	a	Wilhelm.	virg. 00	✶ ♀ ☍ a Wind &		11 49
29	b	Sun set 8 15	virg. 14	□♄☌♃ a. clouds.		12 10
30	c	Whitsun day	virg. 28	Rain-like. ✶♂☾.		mor. 10
31	d	Petronel	libr 12	Cooling winds.		0 31

The 3 day at 6 afternoon, Saturn
The 22 day at 11 night, Venus
The 24 day 6 morn. Mercury
The same day at 7 night, Jupiter
The 25 day at 3 afternoon, Mars
The 31 day noon, Saturn
} is with the Moon.

Day 1 *the Evening Star sets at 7 a clock and 59 min.*

D		o min.	*Full Sea at London-bridge.*
1		10 A 31	*Jupiter* and *Mars* are in conjunction, & may be
2		11 21	seen (the 1 day) in the S. W: after Sun-set, *Mars*
3		12 12	being to the Northward of *Jupiter* 1 deg. 9 min.
4		mor. 12	*Day 15 hours 30 min.*
5		1 4	Some action abroad, and dissention at home: in
6		1 58	particular let *Scotland*, and some parts East from
7		2 58	*England* take heed, lest the sparks of divisiō (now
8		3 59	sown by the common adversary) burst not sud-
9		5 3	denly into a flame, and bring ruine and devasta-
10		6 6	tion, which God in mercy avert.
11		7 5	9 day, *Newark* surrendred to the Parl. 1646.
12		7 58	Earl of *Strafford* beheaded, 1641.
13		8 48	
14		9 34	*Day 16 hours.*
15		10 18	*Mars* and *Venus* are very near together in the
16		11 0	West presently after Sun-set.
17		11 41	*Mars* with *Hercules*.
18		0 A 22	
19		1 4	
20		1 49	
21		2 37	
22		3 26	The Sun eclipsed, but cannot be seen in *England*.
23		4 14	
24		5 6	
25		5 57	
26		6 46	
27		7 36	
28		8 24	*Mercury* in his greatest occidental-digression.
29		9 13	*Day 16 ho. 30 min.*
30		10 1	*Leicester* besieged by the King, 1645.
31		10 5	*Leicester* stormed & taken, 1645.

☾ Full moon the 5 day, 14 min. past 10 in the morning.
☽ Last quarter the 12 day, 20 min. past 1 afternoon.
● New moon the 20 day, at 5 and 8 min. in the afternoon.
☽ First quarter the 28 day, 25 min. past 1 in the morn.

D	D	Holy and festival days, with Sun-set.	Moon sign.	The Planets Aspects, & change of ayr, &c.	Moon hi and Sou
1	c	Sun rise 3.43	Libr. 26	Warm and cloudy.	0 M 52
2	d	Marcel.	Scor. 10	△ ☿ ☽ 6 p. Fair.	1 19
3	e	Erasmus.	Scor. 25	*Portarum apertio ad*	1 47
4	f	Sun set 8. 18	Sagit 10	☌ ♃ ♄ 6 a. *ventos.*	2 30
5	g	Boniface	Sag. 25	High windes.	Full
6	a	Trinity Sund	Capr. 10	☌ ♀ ☽ 9 a. Temperat	9 A 20
7	b	Paul. Ep.	Capr. 24	Hot. ☍ ☽ 12 p.	9 58
8	c	Sun rise 3.40	Aqua. 8	□ ♄ ☿ 6 a. Cold rain	10 21
9	d	Barnim.	Aqua. 22	follows. If it rain the	10 42
10	e	Onophrius	Pisc. 5	8 day, a wet Harv. if	11 3
11	f	Term beg.	Pisc. 18	fair, a fair Harvest.	11 19
12	g	Sun set 8. 20	Arie. 0	☌ ♀ ☿ 8 p. Stormy.	11 36
13	a	1 Sun. aft. Tr.	Arie. 12	☌ ♃ ☿ 3 p. Tempe-	11 54
14	b	Valerius	Arie. 24	rate. *Non semper in-*	12 14
15	c	Vitus	Taur. 6	*sipiens.* Warm.	mor. 14
16	d	Sun rise 3.41	Taur. 18	Temperate. ☾ Apog.	0 39
17	e	Botulph.	Gem. 0	The weather good.	1 8
18	f	Homer.	Gem. 12	✶ ☍ ☽ 4 a. and sea-	1 45
19	g	Sun set 8. 17	Gem. 24	sonable till towards	2 32
20	a	2 Sun. aft. Tr.	Canc. 6	the 22 day. □ ♄ ☽ 11 p.	New
21	b	X. M. Mart.	Canc. 19	☍ ♅ ☽ 1 p. cleer.	8 A 35
22	c	Achatius	Leo 1	☌ ♄ ☿ 11 p. Wind &	9 6
23	d	Sun rise 3.45	Leo 14	□ ☉ ♄ 8 p. ☍ ♀ ☽	9 29
24	e	John Baptist	Leo 27	rain, with thunder.	9 51
25	f	Elogius	Virg. 11	✶ ♄ ☍ 3 p. Hail.	10 12
26	g	Sun set 8. 14	Virg. 24	Warm. ✶ ♅ ☽ 5 a.	10 31
27	a	3 Sun. af. Tri.	Libr. 8	Cold and cloudy.	10 50
28	b	Sun rise 3.48	Libr. 22	Cleer. □ ♅ ☽ 10 a.	11 13
29	c	Peter Apost.	Scor. 6	☌ ☉ ☿ Some wind.	11 41
30	d	Term ends	Scor. 20	Sultry hot. □ ☍ ☽ 3 a	12 20

	min.	
	11	42
	21	35
	ber.	35
	1	33
	2	36
	3	40
	4	44
	5	40
	6	33
	7	21
	8	7
	9	51
	9	33
	10	16
	10	58
	11	42
	0 A	27
	1	14
	2	4
	2	56
	3	46
	4	38
	5	27
	6	17
	7	5
	7	53
	8	40
	9	29
	10	21
	11	14

Full Sea at London-bridge.

A great Sea fight between the Englisth and Dutch 1653. wherein the Dutch were worsted.

The longest day and shortest night in the year.
The day containing with us at (and about) *North-Luffenham*, 16 ho. 40 min. the night 7 ho. 20 m.
The fatal Battel at *Naseby* 1645.
13 *day, Jupiter & Venus are close together in the W.*

Leicester regained by the Parliament, 1645.

Day 16 hou. 30 min.

Most Nations in *Europe* are perplexed and full of trouble, and there is now much enquiry to hear of the event, but who is it that seriously searcheth into the cause of their miseries.

● Full moon the 4 day, 26 min. past 6 at night.
☾ Last quarter the 12 day. 24 min. past 5 in the morning.
● New moon the 20 day, 28 min. past 5 in the morning.
☽ First quarter the 27 day, 39 min. past 6 morning.

Ma	☽	Holy and first of the Moons days, with Sun sets	Sagit.	The Planets Aspects, & change of Ayr, &c.	Moons Rising and Setting.	
1	g	Sun set 8. 9	Sagit. 5	△☿☽ 9 p. Warm.	0	M10
2	a	Visit: Mary	Sagit. 19	Gentle winds.	1	13
3	b	Cornelius	Capr. 4	✶♄☽ 9 p. Rain.	2	10
4	☾	4 Sun. af. Tri	Cap. 18	☌☉☿ 6 p. Thunder.	Full☽	
5	d	Sun rise 3.55	Aqua 3	Fair. ♑ Orient.	8	A16
6	e	Hector	Aqua 17	Uncertain weather.	8	40
7	f	Demetrius	Pisc. 0	Sultry hot. △☿☽ 13	9	2
8	g	Sun set 8. 2	Pisc. 13	△☿☽ 1 a. Fair.	9	22
9	a	Cyrillus	Pisc. 26	Seasonable.	9	38
10	b	7 Frattes	Aries 9	Wind and clouds.	9	55
11	☾	5 Sun. af. Tri	Aries 21	Some fair gales.	10	15
12	d	Sun rise 4. 5	Taur. 3	☌☉☽ 11 p. Sudden	10	36
13	e	Margar.	Taur. 14	showers. ♂♂ ♑☿.	11	4
14	f	Bonavent.	Taur. 26	More remiss.	11	40
15	g	Sun set 7. 51	Gem. 8	□♄☽ 7 p. Wind and	12	24
16	a	Hilarin.	Gem. 20	rain. *Ad idus Julii*	mo.	24
17	b	Alexius	Canc. 2	*Estiæ invalescunt.*	1	14
18	☾	6 Sun. af. Tri.	Canc. 14	Cloudy, & some wind	2	14
19	d	Dog da. beg.	Canc. 27	More serene.	3	23
20	e	Sun rise 4.17	Leo 11	✶♄☽ 5 p. Obscure.	New☽	
21	f	Daniel	Leo 24	Very hot. ☌☌☽ 9 p	7	A54
22	g	Mary Mag.	Virg. 7	Overcast. ☌☿☽ 7 a.	8	16
23	a	Sun set 7. 39	Virg. 21	✶♑☽ 9 p Clearing	8	37
24	b	Christiana	Libra 5	Most part fair. High	8	57
25	☾	James Apost.	Libra 19	♑☿☽ winds.	9	19
26	d	Anna	Scor. 3	*Ut tempora mutes.*	9	45
27	e	Sun rise 4.28	Scor. 17	✶☿☽ 1 a. Rain-like.	10	17
28	f	Panthal.	Sag. 1	Fair. ♂♂ ☿.	11	0
29	g	Beatrix	Sag. 15	♂♂ ♄ ♀ moist.	11	58
30	a	Sun set 7. 27	Capr.	● Temperate △☌☽.	13	11
31	b	German	Capr. 13	□♄☽ 5 p. Cloudy.	mo.	11

Moons Rising.

Moons Setting.

The 17 day at 8 morning, Jupiter
The 18 day, at 8 night, Mercury
The 21 day at 9. night, Mars
The 22 day, at 7 morn. Venus
The 25 day, at 3 morn. Saturn
} is with the Moon

Day 1 the Evening Star sets at 9 a clock and 16 min.

D	ho.	min	
1	12	A 14	*Full Sea at London-bridge.*
2	mor.	14	Very high and honourable are the actions of
3	1	15	those in authority, yet we may fear some unjust
4	2	17	and illegal practises amongst the inferiour sort of
5	3	18	people.
6	4	15	The 2 day was that great fight upon *Marston-*
7	5	6	*Moor*, where the Kings Forces were beaten,
8	5	54	1644.
9	6	40	*Day 16 hours.*
10	7	23	
11	8	7	*Glocester* besieged by the King, 1643.
12	8	49	*Mars* and *Venus* are neer together in the West
13	9	31	after Sun-set. *Don Pantaleon Sa* beheaded,
14	10	17	(1654.
15	11	4	Justice closely pursues the Malefactor.
16	11	53	
17	0 A	44	
18	1	35	
19	2	27	*Day 15. hou. 30. min.*
20	3	19	
21	4	9	
22	4	59	The King set up his Standard at *Nottingham.*
23	5	48	1642. *Worcester* surrendred, 1646.
24	6	37	*Burleigh*-house taken by storm, 1644. And the
25	7	25	Club-men routed about *Bridge-Casterton*, and
26	8	16	many of them slain, the same day.
27	9	9	
28	10	3	*Day 15. hours.*
29	11	4	A bloody Sea fight betwixt the *English* & *Dutch*,
30	12	10	wherein their Admiral *Van Trump* was slain,
	mor.	10	and his fleet worsted, 1653.

Full moon the 3 day, 3 min. paſt 4 in the morning.
Laſt quarter the 10 day, 19 min. paſt 11 at night.
New moon the 18 day, 52 min. paſt 4 in the afternoon.
First quarter the 25 day, at 20 min. paſt noon.

Dayes		Holy and feſtival days, with Sun ſet.	Moons Sign.	The Planets aſp. &c. & change of air, &c.	Moons Age & Southing
1					M 3
2	☌	Lammas day	Cap. 27	Fair and warm.	
3	D	Sun ſet 7. 22	Aqu. 11	☌☿ ☽ 2 p. Wind and	3 4
4	e	Domin.	Aqu. 25	✶♄☿ 11 a. clouds, if	Full
5	f	Ariſtarchus	Piſc. 8	not rain. Warmer.	7 A
6	g	Oſwald.	Piſc. 21	☍☿☽ 1 p. Scarce fair.	7 4
7	a	Sun riſe 4. 45	Aries 4	Cleer. △♅☽ 3 a.	8 3
8	b	Aſta	Aries 16	☊☊ ☉☿ Clouds riſe.	8 22
9	c	9 Sun. af. Tri.	Aries 29	Very turbulent winds	8 42
9	D	Sun ſet 7. 9	Taur. 10	☌☉☿ 4 a. if not ſome	9 10
10	e	Laurentius	Taur. 22	worſer harms. Seaſo-	9 4
11	f	Titus	Gem. 4	nable till the 20 day.	10 10
12	g	Sun riſe 4. 57	Gem. 16	✶♅☿ 5 p. Seaſonable	11 10
13	a	Hippoli	Gem. 28	*Die 13. Sirius oritur he-*	12 6
14	b	Bertram	Can 10	*liacè. Si apparuerit ob-*	mot. 6
15	c	10 Sun. af. Tr.	Can. 23	*ſcurior, tempus grave*	1 11
16	D	Sun ſet 6. 55	Leo 5	*atq; peſtilens minatur:*	2 24
17	e	Agapitus	Leo 19	*Si illuſtris, ſalubrita-*	3 39
18	f	Helena	Virg. 2	*tem aeris promittit.*	New
19	g	Sun riſe 5. 11	Virg. 16	Fair winds.	6 A
20	a	Bernard	Libr. 0	☌☍☿ 3 p. Thunder &	7 8
21	b	Athanaſius	Libr. 14	hail. Rain. ☌♄☽	7 30
22	c	11 Sun af. Tr.	Libr. 29	Fair and cleer ayr.	7 57
23	D	Sun ſet 6. 42	Scor. 13	✶☌☽ 10 p. Warm.	8 23
24	e	Barthol. Ap.	Scor. 28	Reaſonable fair.	9 9
25	f	Ludovicus	Sag. 12	☌♄☿ 10 p. Very ha-	10 0
26	g	Sun riſe 5. 25	Sag. 26	ſty ſhowers, and but	11 3
27	a	Gebhard	Capr. 9	□♄♅ 13. ſlack Har-	12 1
28	b	Dog da. end	Cap. 23	veſt weather.	mo. 1
29	c	12 Sun. af. Tr.	Aqua. 7	*Rumpit ſuo pondere*	1 34
30	D	Sun ſet 6 28	Aqu. 20	☊☊ ☉ ♄ *pondus.*	2 55
31	e	Paulinus	Piſc. 4	☉ in 17. 43. Virgo.	4 15

The 16 day at 4 morning, Jupiter
The 19 day at 11 before noon, Mercury
The same day at 1 afternoon, Mars
} is with the Moon.
The 21 day at 5 morn. Venus
The same day, 2 afternoon, Saturn
Day 1 the Evening Star sets at 8 a clock and 20 min.

D.	ho	min	
1	1	M 14	*Full Sea at London-bridge*
2	2	2	Very eminent are the actions of this moneth in most parts of the world.
3	2	57	
4	3	48	*Dorchester* taken, 1643.
5	4	35	
6	5	20	*Day 14 ho. 30 m.*
7	6	2	
8	6	45	The *Scots* Army enter *England*, 1651.
9	7	28	Mercury occidental.
10	8	13	
11	9	0	*Glocester* besieged, 1643.
12	9	48	
13	10	39	
14	11	31	*Day 14 hours.*
15	0 A	32	
16	1	14	*Hamiltons* Army routed, 1648.
17	2	4	
18	2	56	
19	3	46	
20	4	36	
21	5	26	*Day 13 ho. 30 min.*
22	6	20	Our Forces abroad are active and victorious,
23	7	12	and about this time we may not only expect to
24	8	8	hear of news from them, but from sundry other
25	9	5	parts East, and South East from us. A great man
26	10	4	near his end. Saturn & Venus are near together
27	11	2	in the West Saturn being superiour 2 deg. 5 min.
28	11	59	*Colchester* surrendred, and S^t *Ch. Lucas*, & S *Geo.*
29	12	54	*Day 13 hours.* *Lisle* shot to death, 1648.
30	mo.	54	
31	1	47	

● Full moon the 1 day, 58. min. past 3 in the afternoon.
☾ Last quarter the 9 day, at 6 a clock in the afternoon.
● New moon the 17 day, at 2 and 57 min. in the morning.
☽ First quarter the 23 day, 28 min. past 7 at night.

♈ ♉ ♊ ♋ ♌ ♍ ♎ ♏ ♐ ♑ ♒ ♓ ☉	*Holy and festival days, with Sun for*	*Moons Sign.*	*The Planets Aspects, Moons & change of ayr.*	*Rising & Setting*	
1	☾ Sun rise 5. 37	Pisc. 17	Fitting the time.	Full ☽	
2	☿ Rachel	Pisc. 29	Fair and seasonable	6 A 15	
3	♃ Euphemus	Aries 12	☊☌☿ Some drops,	6 35	
4	♄ Sun set 6.18	Aries 24	cloudy. ☌☽ 8.p.	6 57	
5	☾ 13 Sun.af. Tr.	Taur. 6	☽☍♅ 9.a. Fair and	7 22	
6	☽ Magnus	Tau. 18	☽ Apog. temperate,	7 50	
7	☾ Sun rise 5.48	Gem. 0	warm and clear.	8 27	
8	♀ Nat. Mary	Gem. 12	☍♄☿ 8.p. Wind and	9 11	
9	☿ Gorgon.	Gem. 24	clouds. △♀ & △☿ 11 a	10 3	
10	♃ Sun set 6. 6	Canc. 6	Cloudy morn. temper.	11 4	
11	♄ Eobald.	Can. 18	□☍☿ 1.p. and seaso-	12 11	
12	☾ 14 Sun.af. Tr	Leo 0	nable. *Omnia tempus*	mo. a	
13	☽ Sun rise 6. 1	Leo 13	*habent.* ✶♄☽ 9. p.	1 24	
14	☾ Exalt. Crucis	Leo 27	✶☽☿ 9.a. some wind	2 41	
15	☿ Nicodemus	Virg. 12	seasonable ✶☽☉.	4 3	
16	☿ Sun set 5. 53	Virg. 25	✶♅☽ 8.a. weather	5 23	
17	♃ Lambert	Libra 9	for the ✶♅☽ 8.a	New ☽	
18	♄ Ferriolus	Libr. 24	☌☿☽ 11.p most part.	6 A 8	
19	☾ 15 Sun af. Tr.	Scor. 9	Clear. *Iaiet Anguis*	6 38	
20	☽ Sun rise 6. 15	Scor. 24	*in herba.* Hail.	7 16	
21	☾ S. Matthew	Sagit. 8	△♅☽ noon. Warm	8 6	
22	☿ Mauritius	Sag. 22	☌☉☿ 9.a. Fair and	9 8	
23	☿ Sun set 5.38	Capr. 6	windy. *Tempestates*	10 17	
24	♃ Rupert	Cap. 20	*magnæ in mari existent*	11 36	
25	♄ Cleophas	Aqua. 3	Fair and windy.	12 53	
26	☾ 16 Sun.af. Tr.	Aqu. 17	□☍☿ 4.p. winds	mo 53	
27	☽ Sun rise 6.30	Pisc. 0	and clouds. □☿☽ 2.a	2 11	
28	☾ Wenceſl.	Pisc. 13.	More remiſs. Td ♅☿	3 26	
29	☾ S. Michael	Pisc. 26	Overcaſt. △☽ 4.p.	4 41	
30	☿ Sun set. 5. 24	Aries 8	△♅☽ 2 p. Clear	5 32	

Moons Rising.

Moons Setting.

The 22 day at 11 night, Jupiter
The 17 day, at 9 morn. Mars
The 18 day, at 4 mo'n Saturn } is with the Moon.
Same day at 11 night, Mercury
The 19 day at midnight, Venus

Day 1 *The Evening Star sets at* 7 *a clock. and* 21 *min.*

D	hou.	min.	
1	2 M	3	*Full Sea at London-bridge*
2	3	21	
3	4	5	The Scots routed at *Dunbar*, 1650. and at *Worcester*, 1651.
4	4	48	
5	5	33	*Day* 12 *hou.* 30 *min.*
6	6	17	
7	7	2	Moon with the seven Stars.
8	7	50	The French Fleet beaten by the English. 1652.
9	8	39	
10	9	29	
11	10	20	
12	11	11	
13	0 A	2	Equal day and night all the World over: each containing in length 12 hours.
14	0	53	
15	1	44	
16	2	35	
17	3	25	Earl of *Essex* died. 1646.
18	4	19	
19	5	13	
20	6	9	*Day* 11 *ho.* 30 *min.* Fast fight at *Newbury*, 1643.
21	7	5	
22	8	8	*Mars* and the Sun are in deep consultation. Is not *Antwerp* in distress, and *Vienna* also?
23	9	7	*Reuton*-heath Fight, where the Kings forces were beaten, 1645.
24	10	6	
25	10	59	
26	11	51	
27	12	39	*Day* 11 *hours*
28	mor.	39	Though Wars, Famine, Pestilence, and bloody Feuds are rampant, in many parts, yet if we speedily turn unto the Lord, with true and unfeigned repentance, we need not fear, but he will timely prevent and avert his fearful Judgements, which else may ere long fall down upon us.
29	1	26	
30	2	11	

Full moon the 1 day, 55 min. past 6 in the morning.
Last quarter the 9 day, 4. min. before high noon.
New moon the 16 day, at 48. min. afternoon.
First quarter the 23 day, 49 min. past 4. in the morning.
Full moon the 31 day, 10 min before 1 in the morning.

☌ ☽	Holy and festival days, with Sun-set.	Moons Sign.	The Planets Aspects, and change of ayr, &c.	Moons Rising and setting.
1 a	Sun set 5.21	Aries 21	Very bad weather	Full ☽
2 b	Leodeg	Taur. 3	most part of this	5 A33
3 c	☉ 17 Sun. af. Tr.	Taur. 15	moneth. An iron age.	6 1
4 d	Franciscus	Taur. 27	☌☉☿. Cold rain.	6 35
5 e	Sun rise 6.47	Gem. 8	Nothing but conten-	7 16
6 f	Aurelia	Gem 20	tion, and wa. like acti-	8 4
7 g	Spes	Canc. 2	ons abroad: at home,	9 2
8 a	Sun set. 5.8.	Canc. 14	temperate. Fraud and	10 7
9 b	Dionysius	Canc. 26	deceit. *Sic transit gloria*	11 17
10 c	☉ 18 Sun af. Tr.	Leo 9	*mundi*, ☐☿☽ ☍ p. stor.	12 28
11 d	Burchar.	Leo 22	☌♂ 6.p. of wind &	mo. 28
12 e	Sun rise 7. 9	Virg. 5	rain. ☌ ☿☌. warm.	1 43
13 f	Tilema.	Virg. 19	☐☿☽ 2.a. overcast.	2 2
14 g	Calixtus	Libra 3	Indifferent weather.	4 22
15 a	Sun set 4.54	Libra 18	Fair and seasonable.	5 43
16 b	Gallus	Scor. 2	☌☉☿ 9.p. tempestu-	New ☽
17 c	☉ 19 Sun. af. Tr.	Scor. 18	ous weather, hail.	5 A15
18 d	Luke Evang.	Sagit. 3	△☿☽ 14. ☽ Perig	6 1
19 e	Sun rise 7.14	Sagit. 18	Cold and cloudy.	7 0
20 f	Wendel.	Capr. 2	✶♂☽ 4 a. ✶☿☽ rain,	8 10
21 g	Ursula	Capr. 16	☌♂☿ 11. 2. hail, and	9 27
22 a	Sun set. 4.41	Aqu. 0	stormy winds.	10 48
23 b	Term begin.	Aqu. 14	☌☿☽ 8. a. Fair.	12 7
24 c	☉ 20 Su af. Tr.	Aqu. 27	Some storms. The	mo. 7.
25 d	Chrispin.	Pisc. 1	☐☉☿ 9.2. wind	1 23
26 e	Sun rise 7.25	Pisc. 23	high, but clearing the	2 36
27 f	Victoria	Aries 5	ayr ☉ in 14. 14. ♏	3 46
28 g	Simon & Jud	Aries 17	△☿☽ 2.a. temperate	4 52
29 a	Narcissus	Aries 29	☌☍☽ 9 p windy.	5 58
30 b	Sun set 4 28	Taur. 11	Fair. ☐☿☽ 1.p	7 2
31 c	☉ 21 Sun. af Tr.	Taur. 23	Indifferent. ☽ Apog.	Full ☽

The 10 day, at 4 afternoon, Jupiter
The 15 day, at 8 night, Saturn
The same day, at 11 night, Mars } is with the Moon.
The 16 day, at 2 afternoon, Mercury.
The 19 day, at 5 night, Venus.

Day 1 The Evening Star sets at 6 a clock, and 26 min.

D	Ho.	m	*Full Sea at London-Bridge.*
1	2 M	54	
2	3	38	
3	4	21	☽ Day, the evening Star 2 deg. 24 min. above
4	5	6	Cor. ♏.
5	5	53	Day 10 ho 30 min ☽ riseth with the 7 Stars.
6	6	41	What can be expected amongst a perverse and
7	7	30	crooked generation?
8	8	20	6 day, *Winchester* delivered, 1645.
9	9	11	The 7. day Mars with Spica ♍.
10	10	9	
11	10	49	*Saturn* and *Mars* are in Conjunction, which
12	11	37	*Day 10 hours.* is the forerunner of many unex-
13	12	24	pected calamities shortly to ensue, if God in mer-
14	1 A	17	cy do not avert them. *Da pacem Domine in diebus*
15	2	6	*nostris.*
16	3	4	*Basing* taken by Storm, 1645. and the Earl of
17	4	1	*Derby* beheaded, 1651.
18	5	1	
19	6	2	*Day 9 hours 30 min.*
20	7	3	
21	8	3	
22	9	1	
23	9	54	The fight at *Edge-hill*, 1642.
24	10	41	
25	11	28	The 31 day at 8 night the moon riseth in the
26	12	13	North-east, about 4 degrees from the Seven
27	mo.	12	Stars, towards the South.
28	0	56	Day 9 hours. *Newbury* second fight. 1644.
29	1	38	The *Austrian* Family may suffer much, yet there
30	2	22	are greater loosers more near us, but I name
31	3	4	them not.

☾ Last quarter the 8 day, 44 min. past 3. in the morn.
● New moon the 14 day, 5 min. past 11 at night.
☽ First quarter the 21 day, 33 min. past 5 at night.
○ Full moon the 29 day, 12 min. past 8 at night.

		Holy and festival days, with sun set.	Moons Sign.	The Planets Aspects, & change of ayre &c.	Moons Bishop & Sutting.
1	D	All Saints	Gem. 5	A welcom Messenger	5 A 14
2	8	All Souls	Gem. 17	Temperate. Bq ☿☌☉.	6 2
3	f	Sun ri 7. 41	Gem. 29	✶☌☿ 7.a. Moist.	6 56
4	g	Modestus	Canc. 11	Not much unlike	7 56
5	a	Petron	Can. 23	cold □ ♄D 4.p.	9 3
6	b	Sun set 4 14	Leo 5	☌☌ ☉♄. Foul like	10 24
7	c	22 Su.af.Tr.	Leo 17	Fair and temperate.	11 26
8	d	Claudius	Virg. 0	✶ ♄ D a.a. Cloudy.	12 42
9	e	Theodor.	Virg. 13	Some moisture △D☿	mo. 42
10	f	Sun rh.7. 53	Virg. 27	Winterly weather	1 55
11	g	Martin. Ep.	Libra 11	☌♂☿ 2.p. □☿☾ 5.p	3 11
12	a	Cuniber.	Libra 26	☌☿☾ 7.p. Snow.	4 32
13	b	Sun set 4 3	Scor. 11	A sore combat. Frost	5 52
14	c	23 Su af. Tr.	Scor. 26	Rain-like. ✶☿D	New D
15	d	Leop. I.	Sag. 11	Clearing. △☿D 3 p	4 A 36
16	e	Ormar.	Sag. 26	*Fiant quæ fata volunt*	4 44
17	f	Sun rise 8. 2.	Capr. 11	Fair. ✶☌D 10 p	7 0
18	g	Hesichi	Capr. 26	Wind and clouds.	8 23
19	a	Elizabet.	Aqua 10	✶☿☾ 6. a. Snow.	9 45
20	b	Sun set 3. 55	Aqua 24	Raw, dark weather.	11 3
21	c	24 Su. at. Tr.	Pisc. 7	□ ♄☿ 9.a. Cold rain	12 20
22	d	Cæcilia	Pisc. 20	Warmer △☌D 2.p.	mo. 10
23	e	Clement	Aries 2	Td ☿☾. Variable.	1 31
24	f	Sun rise 8 5	Aries 14	△☉☿ 10 p Fair and	2 41
25	g	Catharin.	Aries 26	windy. ☌♄ & □☿D	3 46
26	a	Conrad	Taur. 8	Clear and freezing	4 47
27	b	Sun set 3. 48	Taur 21	☌☌D 8.p. Temperat.	5 47
28	c	Adv. Sund	Gem. 2	Rain or snow.	6 44
29	d	Termends	Gem 14	A fresh ayr. ☌ D ☿	Full D
30	e	Andrew Ap.	Gem. 26	Winds are stirring.	4 A 34

Moons Entring

The 7 day at 3 morn. Jupiter
The 12 day, at noon, Saturn
The 13 day at 6 night, Mars
The same day at 8 night, Mercury } is with the Moon.
The 18 day at 8 morn. Venus
The 27 day at 10 night, the 7 Stars.

Day 1. *The Evening Star sets at* 6 *a clock, and* 34 *min.*

D.	h.	min.	
1	3	M 44	*Full Sea at London-Bridge.*
2	4	38	
3	5	28	The long Parliament began, 1640.
4	6	17	
5	7	5	*Day* 8 *ho.* 30 *min.*
6	7	54	
7	8	43	
8	9	30	
9	10	18	
10	11	4	
11	11	52	
12	0	A 45	*Brainford* Fight, 1642.
13	1	38	
14	2	38	Sun Eclipsed, but not to be seen in *England.*
15	3	39	
16	4	42	*Day* 8 *ho. Exeter* Castle yielded, 1645.
17	5	45	
18	6	44	
19	7	41	
20	8	32	
21	9	21	
22	10	7	The Evening Star is now in her farthest di-
23	10	51	stance from the Sun, being 47. deg. 15 min.
24	11	32	
25	12	12	
26	mor.	12	The Book of Common-Prayer voted down,
27	0	55	1644.
28	1	38	*Day* 7 *ho.* 30 *min.*
29	2	26	
30	3	14	*Turpe est doctori cum culpa redarguit ipsum.*

☾ Last quarter the 7 day 28 min. past 5. at night.
● New moon the 14 day. 44 min. past 9 in the morning.
☽ First quarter the 21 day, at 10 in the morning.
○ Full moon the 29 day, 27 min. past 3. in the afternoon.

		Holy and festival dayes	Moons Sign.	The Planets Aspects & course of Mer. &c.	Moons Rising & Setting.	
1	f	Longin.	Canc 8	Windy blee's in part.	5 A 38	
2	g	Sun rise 8.18	Can. 20	☽ ♄ Frost. hail.	6 43	
3	a	Cassian	Leo 2	Snow-like. △☿ D 4 a.	7 53	
4	b	Barbara	Leo 14	☿☽ 1.a. Fair.	9 2	
5	c	2 Su in Adv	Leo 27	Freezing □☿D 5. p.	10 13	
6	d	Sun set 3.41	Virg.10	Td ♃♂ Warm, fair,	11 26	
7	e	Agathon	Virg.23	☌♀☿ 7. p end seaso-	12 41	
8	f	Concep.Mar.	Libr. 7	nable. ✶ ♃ D 10.p.	mo.41	
9	g	Joachim	Libr. 20	✶☉♄ 10.p Snow like	1 57	
10	a	Sun rise 8.20	Scor. 5	windy. ✶ ♄ ♀ 11.p.	3 14	
11	b	Damasus	Scor.19	□☿D 5.a. Cloudy	4 33	
12	c	3 Su.in Adv.	Sag. 4	☌☉☿ 5.p. very cross	5 50	
13	d	Lucia	Sag. 19	winds. ✶ ♀ D 9 a	6 59	
14	e	Sun set 3. 40	Capr.4	Cold and freezing.	New D	
15	f	Abraham	Cap. 19	Bq ♃♀. variable,	5 A 37	
16	g	Ananias	Aqua.4.	cloudy, yet fair.	7 2	
17	a	Sun rise 8.19	Aqu 18	☌ ♀ D 4 p. Raine	8 27	
18	b	Christopher	Pisc. 2	☾ ♄☿.Vc ♃♀. Cold	9 47	Moons Rising.
19	c	4 Su.in Adv.	Pisc. 16	*Nemo omnibus* wind	11 1	
20	d	Sun set.3 42.	Pisc. 29	*horis sapit*, and clouds	12 11	Moons Setting.
21	e	Thomas Apo	Aries 12	△♃☌ 10 p. Fair &	mo. 11	
22	f	Theodor.	Aries 23	warm. Vc. ☉ ♃	1 20	
23	g	Victor Virg.	Taur. 5	Not much unlike	2 26	
24	a	Sun rise 8,15	Tau.17	△☿D 7.p Wind,	3 26	
25	b	Christs Nat.	Tau 29	cloudy A ☿ D 5.a.	4 26	
26	c	Stephen pro	Gem.11	Some sleet.	5 19	
27	d	John Evang	Gem.23	△☿D 8 p. cloudy.	6 10	
28	e	Innocents.	Canc.5.	Gentle winds.	6 53	
29	f	Sun set 3. 49	Can. 17	Now relieve the poor	Full D	
30	g	David	Can. 29	□☿♀ 5. a. wind	5 25	
31	a	Sylvester	Leo 11	and clouds. ☌D ♃	6 36	

The 4 day, at 9 morning, Jupiter
The 10 day, at 1 morning, Saturn
The 12 day, at 2 afternoon, Mars } is with the Moon.
The 14 day, at 11 morn. Mercury
The 17 day, at 4 night Venus
The 31 day, at 10 morn. Jupiter

Day 1 The Evening Star sets at 7 a clock and 22 min.

D	ho.	m.	
1	4	M 3	*Full Sea at London-bridge.*
2	4	53	
3	5	41	
4	6	30	
5	7	15	
6	8	1	
7	8	47	
8	9	34	
9	10	21	
10	11	11	The shortest day and longest night in the year.
11	0	A 7	Day 7 ho. 20 min. Night 16 ho. 40. min.
12	1	7	
13	2	8	*Mars* with *Cor. m.*
14	3	11	
15	4	14	
16	5	23	
17	6	20	
18	7	0	
19	7	47	
20	8	31	Lord Protector proclaimed, 1653.
21	9	15	
22	9	58	
23	10	39	Sir *Alexander Carew* beheaded, 1644.
24	11	24	Day 7 ho. 30 m. Seven Stars follow the Moon.
25	12	8	Let us at all times, & especially now, give all possible praise and thanksgiving unto Almighty God, for his great and wonderful deliverance of Mankind, in sending his only begotten Son into the World; to take upon him our nature: And to Rise up to this duty, let us give liberally to the Poor, for be more charitable now to one another.
26	mor.	8	
27	0	56	*Quia fundamentum Religionis charitas est.*
28	1	43	Without Charity all proficeth nothing.
29	2	34	
30	3	24	*Finis anni Juliani 1658.*
31	4	13	

The Dominion of the Moon in Mans Body, passing under the 12 Zodiacal Constellations.

Aries, Head and face.

Taurus, Neck and throat.

Cancer, Breast Stomack and ribs.

Virgo, Bowels & belly.

Scorpio, Secret members.

Capricorn, Knees.

Gemini, Armes and shoulders

Leo, Heart and back

Libra, Reins and loyns

Sagittarius, Thighes

Aquarius, Legges

Pisces, the Feet.

The Characters of the seven Planets, with the Dragons Head and Tayl.

♄ *Saturn*, ♃ *Jupiter*, ♂ *Mars*, ☉ *Sol*, ♀ *Venus*, ☿ *Mercury*, ☽ *Luna*, ☊ *Dragons-head*, ☋ *Dragons-tayl*.

The Aspects both old and New.

☌ Conjunction, when Planets are in one sign and degree.
☍ Semisextile, when they are asunder, 1 sig.
✱ Sextile, when they are 2 signs distant.
□ Quintile, when they are one from another, 3 signs 12 deg
⊞ Quartile, when Planets are distant 3 signs
Td Tredecile, when they are 4 signs 18 degrees distant
△ Trine, when they are parted 4 signes (14 deg.
⚻ Quintile, when they are removed one from another. 4. Sig.
⚺ Sesquiane, when they are five signs distant.
☍ Opposition, when they are distant 6 sig. or a semicircle.

A spectando angulos à radijs luminosis binorum Planetarum, apud eorum locorum, effectus ad nonnullorum notorum fublimorum. Rog. Bac. Abrm. cap. 840.

In the 9 to view of the Almanack is set over those of the most remarkable coniunctions and Aspects of the Planets, as the will happen this present year, according to my Astronomy & Bilibal.

But because my Ephemerides daily exhibit the Celestial Motions, for 20 yeares with all their Conjunctions, Aspects, and Eclipses duely rectified, it will unnecessarily be superfluous for me to write more in this place.

COURTEOUS READER,

ALthough it may seem needless in this place to treat of the Earths mobility and situation, yet because that some of this Nation pretending to Astronomy and the Sciences Mathematicall, have inconsiderately condemn'd our Hypothesis as vain and fictitious, I shall speak something by way of Preface. For because the truth of the Copernican Doctrine is so clear and evident, and approved from Demonstrations, Astronomicall, Geometricall, and Opticall, yea and generally received by all the most skilfull and Learned Mathematitians of all Nations, it will be unnecessary to speak much in its defence, and the rather, because I have both in *Harmonicon Cœleste*, *Astronomia Tabularum*, and in my Ephemerides, part 2. made so simple and reall Demonstrations thereof, even such as may amaze and silence our greatest Adversaries. *To Lector quisquis es, hoc vestra sive prejudicia loqui, & suspende; Vitabis nihil apud veritatis, & naturæ rectè cognoscendæ esse; quem, Tellurem globum Diurno & annuo motu circumferri: Solem vero in mundi centro quiescere.* And this I shall tell our Antagonists, and contemners of this excellent truth, that their old and beloved Ptolemaick Systeme, will in no wise fit their purpose, in the exact determination of Places, Motions, Magnitudes, Distances, Stations, Directions, and Retrogradations of the Planetary Bodies, no, notwithstanding all the signed tricks and inventions they have so fondly imagin'd. *Astronomia Ptolemæi* (saith one) *multum differt à Copernicana; cum illa speciosa sit, hæc prorsus speciosa, rem ipsam probat conspicuam.* I, but saith our Adversaries, we should believe this Copernican Doctrine, because of the excellency of the Demonstration, but only that we find it to oppugnant to the Testimony of the sacred Scriptures, which seemingly declare the contrary. It's true, instead of the Earth, that it's founded upon her Basis, and that the *Sun ariseth, setteth, and delighteth as a Giant to runne his course* and again that he *miraculously stood still*, and also were back upon the Dial of *Ahaz*. In these and the like places of Scripture, the holy Spirit speaks (as Divines conceive) according to the capacity and apprehension of men, and not according to the nature of the thing, as that of *Gen.* 1. *Let there be two great lights, the Sun and the Moon*, whereas we know the Moon hath no innate light, neither any sensible proportion to the other Stars. So also in the 1. of *King.* 7. 23. we read that *Solomon* (amongst other Ornaments of the Temple) made a Molten Sea of Brass, whose *Diameter* was 10 Cubits, the *Circumference* 30. where the proportion of the *Diameter* to the *Periphery* is as 10 to 30. or 7 to 21. *Sed Archimedes demonstravit in sua Cyclometria*, (Si-

21 & omnes alij Geometræ) *Diametrum esse ad Peripheriam* 21 *ad* 22. *scil.* Or in greater numbers the true proportion of the Circumference of a Circle to its Diameter, is as 314159 to 100000. as *Lansberg* proves in his *Cyclometry*. Hence it appears that the principles of Astronomy and Geometry are not to be had in the Sacred Scriptures, in *Lansbergius* (a Learned Divine and great Mathematician) declares at large in his Commentary *in motum Terræ diurnum & annuum*; with whose words I shall conclude this point. *Pater apud eum Apostolo, omnem Scripturam esse Divinitus inspiratam, utilemque ad Doctrinam, Redargutionem, Emendationem, & Institutionem, quæ est in Justitia*, 2 Tim 3.16. *Neque autem, mihi visum est, ad institutionem, quæ est in Geometria, & Astronomia. Nusquam enim horum Artium fundamenta tradere voluit Spiritus S. Scripturarum Auctor; Sed ea sua Principia mixta, non ex Libris S. Scripturæ, sed earum, quæ in illa fuere versati, vetustissimis.* Hinc Moïses, non ex S. Scriptura, sed ab Ægyptijs est disciplinas hausit, Act. 7. 22. & Danielem sua, eadem accepisse ex ingeniosa Chaldæorum, Dan. 1. 4. 20. *Aberrant igitur a scopo S. Scripturæ, quicunque Geometricas & Astronomicas, Quæstiones ad finis Normam expungunt.* But let those that are so strongly fixed to their own fancies, either make better Demonstrations than they have done, or else be silent, for I like not to see men that scarce know what Astronomy is, and are ignorant of the wonderfull Works of God in Nature, to carp at those things, that are altogether without the perimeter of their apprehensions, (yet I deny not but that all the Planetary Bodies are moved, for we all maintain that, and it is only the various inequalities (not really inherent) in their motions, that is caused by the silent motion of our earthly Ball.) However if there be any that are desirous to embrace the truth, and would see the reality of this Geometrical-Hypothesis, I refer them to *Astr. Instaurat.* lately published in English, or to *Keplers Epit. Astron. Lib.* where any rational and ingenious man may find satisfaction; nevertheless the Learned *Bullialdus*, in his Book entituled, *Philolaus, sive dissertatio de vero Systemate Mundi*, is more copious and demonstrative than any I have met with. Now if there be any man living that can yet make a better Demonstration than he hath done, and can so perspicuously and nakedly set forth the true motions of the Planetary Bodies, I will for ever after be silent, if not, let them forbear to carp and snarle, and leave such things as they understand not, to those that have more knowledg than themselves. But I shall conclude all (concerning the excellency of the Hypothesis of Copernicus) with the words of the forecited *Lansbergius*, pag. 30. *Primò, omnes Planetarum motus in longitudinem, latitudinem, Directionem, Retrogradationem, Stationem, Ascensum, Descensum, non ostendis per fictitios Epicyclos, sed per veros Circulares, quales in Cælo conspiciuntur.*

Secundò, Si motus tabulæ describatur, ostendis verum situm ac Distantiam

Dissimam Sphæram Cælestium; & consequenter, quantum Planeta à sole aut Terra elongentur: quæ Diametrorum quantitas, aliaque innè plurima.

Denique; admiranda quoque Cæli structura, Sphæramque contextura exhibit. Quarum illa quidem, tanta est: Ut suprà eam, quod supra humana mens, haud facilè inveniens. Hæc, tam exquisita; Ut non accuratior membrorum in corpore humano Symmetria sit, quàm Sphærarum inter se. Usque illa, nullum vacuum abinquere, alterique locum gratulantur, sine vllius deformatione; haud secùs, in hac tam ordinatâ Sphærarum dispositione, non impunè quicquam loco moveri, sine vim molæ violatione, & confusione vitio. Hanc ergò pauci, solum Coryphæi figuram, non aliter atque ipsum Cælum, omnes & singulas Apparatus perfectè repræsentare; eloquæ pro vero Cæli Typo, negligitis ejs habendam.

V. W.

Aedibus nostris Northlassenbus
iuxta Stamfordiam Iun. 22. 1657.

Of the Eclipses this Year.

Pis hoc anno Sol obscurabitur, Luna verò nullam. Twice this Year (saith Eichstadius) the Sun shall be darkned, but the Moon (not once) no where, yet Andreas Argolus, a great and very learned Mathematician of Padua, mentions two Lunary Eclipses, the first upon the 5 of June about 10 morning, and the other upon the 30 of October next midnight. Upon this occasion I have made examination (according to Art) and find the said Author mistaken, as those that are Artists may experiment; besides it is a Rule in Astronomy, that if two centrall Eclipses (as these are) happen in the space of 15 months the one from another, there can be no full Moon Eclipse that Year, according to that of Kepler, Epit. Astro. pag. 881. Fieri potest ut duo interlunia nodis proxima, & ferè centralia, non semestris intervallo accidant: quo casu intra totum annum Lunarem nullum continget Plenilunium Ecliptica.

The first Eclipse of the Sun this Year happeneth upon the 21 day of May, at 3 a clock in the morning, which will be conspicuous in Benegala Iapan, Luconia, the Philippine Islands, and in such places as are subjacent to the Longitude. 157 degr. and 27 degr. of North Latitude; for there at 2 min. before noon, the Luminaries concurre in the Monogelim degree of the Ecliptick, the Sun being eclipsed 11. dig. 40 min. within 4 deg. and 56 min of their Zenith, which I take to be the Seditionous and fore-runner of some notable changes and alterations, in those remote Eastern Parts of the World.

The other Eclipse of the Sun happens upon the 14 day of November, 14 min. past 11 a clock at night, to be seen in nova Guinea, insulis Oceani occidentalis, nempè in insulis de los Sabatones, de los Monges, &c. But in the Longitude of 138 degr. and South latitude of 17 degrees. the Sun will be totally

darkned by the direct interposition of the opacous Body of the Moon between the Sun and their sight, where it will continue from the beginning to the end, 2 hours and a half eclipsed.

The next year we in England shall see 2 Eclipses, two of the Moon, and a great one of the Sun, of which I shall (God willing) speak more at large in my next. In the mean time you may receive ample satisfaction in my Ephemerides, wherein (for 20 years) is described the exact time, quantity, and Types, of all the Eclipses that will be visible at London.

Of the Revolution of this Year, 1658.

ALthough there be some difference of Opinions concerning the time of the worlds Creation, some affirming it was created at one time of the year, and some at another, yet for the reason I gave in my last, it seems most likely to be in the Spring, and to this assents the soundest Divines, Astronomers, and Historians, as I could instance, were it needful; But leaving this till a more convenient season, I come to the Revolution of this year, which according to Astronomical Calculation will commence upon Wednesday the 10th March, at 7 of the clock and 11 min. in the morning, at which time this earthly Orbe wherein we live, maketh its circumvolution directly at right angles to the Sun, whereby obtaining equal quantity of light and darkness, shall make day and night of like length all the world over, at which instant our Orbe will touch the first point of Libra, or the Sun (according to appearance) entring the first scruple of the Equinoctial sign Aries, shall begin the years Revolution, which either way taken, the position of the Heavens will then be on this manner.

Constitutio Cœli ad tempus ingressus Solis in Arietis principium.

In the second part of my Ephemerides (now at length published) is set forth a most plain and easie way to find out the Lord or Almuten of any year, or quarter thereof, which I hold to be a more exact and substantial way of erection, and better agreeing with experience, than any other as known or invented. According to which doctrine, Mars is found to be chief Lord of this year 1658. with whom, Mercury, the Moon, and Venus are participators, for Mars hath 62. testimonies of fortitude, Mercury 59. the Moon 57. Venus 55. Saturn 34. the Sun 33. and Jupiter 20. But more particularly of this Spring Quarter, Venus and Jupiter are the chief Dominators, with whom Mars and the Moon share, for Venus hath 16. testimonies, Jupiter 11. the Moon 10. Mars 9. Saturn 7. the Sun 3. and Mercury 4 Debilities.

From the several habitudes and configurations of the heavenly bodies in the Revolutional Scheme (with due regard had to the oppositions præventional, and conjunction præventional) we may gather, that about the beginning of the Spring, we shall have a fair, seasonable, and windy disposition of the air, but not of any long continuance, for presently after the postventional New-Moon, the weather will be more cold and cloudy, which may produce rain and hail. Venus cum præest anno, ia vere & hyeme humiditatem parit, in æstate & autumno siccitatem minuit, maxime in Signo humido, & dum eam planeta Siccus minime aspicit. *Ptol.* pag. 3. Venus is in a moist Sign, and therefore the more able both for her signification, especially being in her exaltation, yet nevertheless, Jupiter (who is her co-partner) meeting in May, with the Lord of the Year Mars, then in a Quartile of Saturn, it presageth violent storms of rain, hail, and thunder.

The Diseases commonly afflicting us this Quarter, are Melancholy, Madness, Fluxes, Rheumes, Coughs, Hoarseness, Scabs, Agues, Gout, Pluriſies, Faintings, shortness of Breath, griefe in the Eyes, palpication of Heart, burning Fevers, &c.

This is the nature and general temperament of this season, which may either be intended or remitted by the position of the Heavens, but because Venus and Jupiter (who are of sweet and temperate nature and influence) are both exalted and best dignified of any Planets in the Figure, it is a Sign that the beginning of the Spring will be kind and healthfull to all creatures, which Jupiters position, in Trine to the Sun will much encrease. Nam aerem temperat, & lætè ventos Septentrionales, mediocres tamen, ex quibus animalia & semina conservantur. In the beginning of this Quarter, we may expect stormy Winds, afterwards turning East. Opalescit fabo-

sum, qui ex orto sol, quibus humores superflui consumantur, semina terræ conveniente mandantur, & terra ad generationem excitabitur, prodibunt arbores gemmas, flores, folia, terra gramine & herbis vestitur. The actions of this year are like to be favourable in the beginning, yet I fear ere half the year be past by, they will be of a more scarlet dye, for the Heavens above threaten us, and our sinnes below daily call for vengeance, and indeed what can we poor animals expect? 'Tis true, we have plenty of all earthly blessings, and of late years our Corn, Wine, and Oyl hath wonderfully encreased. Oh! that men would therefore return unto the Lord continual Sacrifices of Prayer and Thanksgiving for all his mercy and loving kindness: this would doubtless be a good means to remove our Evils, and to continue their blessings, which at present we enjoy, but I may justly fear, that the two concatenated sins of Pride and Covetousness have so seized upon the hearts of men, and are every where so predominant, that they alone are the cause of all the evils and miseries we have so long groaned under. Multi videntur, & non sunt. Many have fair outsides and false hearts, and little reality to in their actions, and what better way is there to discover them, than by their fruits. Profession without practice is nothing, though it be never so specious and over-gilded. 'Tis a sad thing, that Covetousness, (which is the root of all evil) should so draw us with her silver bait, and hale and draw away the men of this crooked generation with her allurements. I have heard some of great Estates say, What? Is it not reason that I should make as much of my own as I can? I, but not to oppress thy poor Tenants, by racking of their Rents, as is too common: I tell thee, thy riches are not thy own, thou hast only a share o them for a short time. Remember what the kingly Prophet saith, Domini est Terra, & plenitudo ejus. I could proceed further in this discourse and speak something that might be further useful, but because I would not willingly make further digression, I shall return to my former Figure, where I find that Mars, who is Lord of the Year is in Gemini, the Ascendent of London, a Sign of some unhappy disaster like to befall that place, if not prevented by the vigilancy of its prudent Governors. Si fuerit Mars in II Significat impedimentum cæleste in homines causa tonitruorum & fulgurum, & erunt bella & contentiones atque latrocinia in partibus Septentrionalibus, & erunt dolores aurium Similiter & pallulæ, antraculi, & similia In the Revolutional full Moon, Venus is both accidentally and essentially fortified, which promiseth much joy, happiness, and profit to men in general, and that they shall live contentedly with their Wives and Children. To this pur-

pose

pole, Haly obſerves, *fol.* 366. Cum Venus in Revolutione fuerit firma & corroborata, ac fortunata, habebunt homines gaudia, divitias, utilitates & lucra, & gaudebunt cum mulieribus & filijs, &c. But I ſhall conclude this Seaſon with that which the ſame Author ſpeaks, *fol.* 370. upon Iupiters poſition. Si fuerit ♃ in I. domo in anni Revolutione, & fuerit ibi potens & fortunatus, & aſpexerit eum dominus 9. domus, (as now he doeth) ſignificat quòd homines habebunt illo anno, bonam fortunam, & lucra, & ſanitatem in ſuis corporibus, & gaudia multa, & erit bonum, maximè in bonis hominum religioſis, qui erunt honorati & in pretio habiti, & extrahentur ſcientiæ & oratoria, &c.

The Summer will begin when this earth y Orbe inclining Southward 23 degr. 31. min. 30. ſec. towards the Sun, will valve and remove us her Northern Inhabitants to the greateſt portion of Day arch, and leaſt quantity of night arch, or when the Sun (according to appearance) entreth into the firſt minute of Cancer, which either way taken commonly falls on Friday the 11 of June, at 10 a clock and 9 min. in the morning, the 10 of Virgo aſcending.

At which time Saturn is in the ſecond houſe, the Moon in the 7 in Trine to Iupiter, Venus and Mercury, who are upon the Cuſpe of the 11 houſe, all cloſe in conſultation in Cancer, Scotland. Aſcendent, and beſides this accidental-poſition, Mercury, the Moon and Venus are the beſt dignified of any Planets in the Figure, and claim the Dominion of this Quarter, for Mercury hath 28 dignities, the Moon 25. Venus 13. Mars 9. the Sun 5. Iupiter 3 and Saturn 1. debility. In the oppoſition Diverſional, Iupiter, Venus and Mercury, are upon the Cuſpis of the 11. and in the conjunction Poſtdenotional. the Sun, Moon, Iupiter, Mars, Venus, and Mercury are all collocated in domo mortis, or 8 houſe of the Heavens, beholding Saturn in the Medium Cœli. Which poſitions argue in general, a variable conſtitution of the air; otherwiſes great heat, thunder, and flaſhes of lightening may annoy us, yet Haly ſaith, Quod Iovis temperie æſtatis calor & ſigus hyemis temperentur, & quod minuantur Epidemicæ infirmitates ac peſtis.

The diſeaſes generally of this Seaſon, are burning Feavers, Agues, Frenſies, Scabs, Puſhes, Ulcers in the mouth and throat, pain in the Head, &c. and theſe may be increaſed or diminiſhed by the poſition of the Planetary bodies, and conſtitution of the aye, which, I ſuppoſe will not vary much from its natural temperament, yet Mercury (as I ſaid) is Lord of the Quarter, and my Author tells me; ♀ æſtatis dominus, qualitatem aeris variat, corrumpit ventos, maximè in humidis & ventoſis Signis, In calidis verò & ſiccis ſiccitatem adauget.

Mercury Lord of the Summer, alters the quality of the air, and corrupts the winds, especial in moist and windy Signs; but in the hot and drie Signs, he increaseth drines. But because all the Planets (Saturn excepted) are combust, or under the Suns Beames, in the beginning of the Summer, it intimates great heat, thunder, lightning, and corruptions. Planetæ combusti in quarta æstivali, faciunt calidtatem & siccitatem, lunina Leopold. Tract 6. cap. 2.

Alas poor Scotland: Art thou yet in no setled condition? Are thy bowels still full of division, and doeth Mars still threaten thee? For my part, I heartily wish thy prosperity, and tell thee, there will shortly be a time more comfortable, wherein thou shalt enjoy great tranquillity and settlement in Church and State. Neither is Holland exempt from a participation with them in the like evils, yet I should think that the proximity of Jupiter and Venus upon the Cuspis of the 11. might abate somewhat of the influence, and produce some good and happiness, but that Mercury interposeth by connection, and Saturn looks upon them with a direfull Quartile. I could note other remarkeable things, but because I would deliver all in a few words, let me only tell you, that the conjunction of Jupiter and Mars, and the conjunction of Saturn and Mars this year, will doubtless be the fore-runners of many mischiefs. Taxes and Impositions are like to continue and hold great, to the discontent of the vulgar. Our Merchants are in danger, for many Pyracies are committed, and on land the Souldier soares high, yet some Plots are hatching and ready to break forth, which will timely be prevented, to the confusion of the Authors, and the good and peace of Church and State.

The third part of the Year called Autumn, beginneth at such time as the Sun toucheth the first point of Libra, or may really when the earth entring the first min. of Aries, hath volved her self at right angles to the Sun, and receiveth alike portion of light and darkness, which either way taken, falleth out this year upon Munday the 13 of September, at 1. a clock and 6. min. in the morning, the 9 of Leo then ascending.

Mercury is Almuten and chief Ruler of this Quarter, biding in the opposition Diurnal, the Jugulis, and conjunction Nocturnal, 30 Dikuities, whereas Saturn hath but 14. Venus 14. Jupiter 5. the Sun 4. the Moon 4. and Mars 1. and notwithstanding Mars hath few dignities, yet being Lord of the year, he is not to be excluded, but hath some participation in the Rule of this Quarter, as I have shewed in the Introduction to my Ephemerides, pag. 104. which may also appear further by the following words of the famous Guido Bonatus. Semper fac Dominum primæ Revolutionis, participem

cum

m Domino secundæ, & Dominum secundæ, cum domino tertiæ
Dominum tertiæ, cum Domino quartæ, &c.

As to the weather, I conceive it is like to be seasonable enough for the most part, yet winde now and then, not without thunder and lightning, as the Conjunction of Sol and Mars, and proximity of Saturn and Mars foreshew.

The Diseases of this Quarter, are Quartan Feavers, Agues, Black Jaundice, Consumptions of the Lungs, the Spleen, Sciaticaes, Convulsions, Dropsies, Tissicks, Toothach, &c.

The present position of the Heavens seems to foreshew that Feavers shall vex them ordinary most of us this Quarter, Mars with the Sun in Libra intimates. Si fuerit Mars in Libra significat ventos venturos, aegritudines atque mortalitatem in legionibus, quæ sunt in divisione ♎; & multiplicabuntur Latrones & abscessiones virtum, & erunt rixæ atque mala inter homines. Bar. M: In England are as much heresie conceived as any other Nation, yet there is some good promised to the Commonalty, but I fear many sects and heresies, and strange opinions in Religion will strongly be held forth and maintained, whereby may ensue some disorder and disquietness, if not timely prevented. But I hope our pious and Orthodox Divines of this Nation (for whom I shall ever stand) will find such encouragement that they shall henceforward not suffer so much detriment in their Names and Estates, as they formerly have done by the Schismatick, and other hypocritical religious pretenders, but assuredly (as one very well observes the last year) there is a heavy portion of vengeance ready to fall upon the Sectaries and Pharisaical hypocrites of these present times, divine providence having already stirred up the hearts of our Governors to ordain competent means for able, learned and preaching Ministers, and will (I conceive) honourably uphold and continue it in spite of all opposition.

In our Figure we have Jupiter and the Moon conjoyn'd upon the very Cuspis of the Ascendent; upon which position Haly saith. Si ♃ junctus fuerit ☽, Significat quòd homines multum se dabunt bonitati, justitiæ, expositionibus legis, depopulationibus ecclesiarum profanarum, ostentationibus inquisitionibus legum, & earum tapentiis, &c. Hearken (Sirs) you that are the contemners of humane Learning, and all you that have forsaken your first Faith, in leaving the publique Ordinances of your God, to follow the illusions of your own brains (such are your Quakers and Anabaptists) and if there be any amongst you that can understand the former Aphorism, you may see what will suddainly become of our ridiculous, and self seeking wayes, but I heartily wish your conversion, which (I hope)

will

will shortly be, to your own comfort, and the good and happiness of Englands Church and State.

In this Ingress we have Mars in conjunction with the Sun, a sign of great distempers and distractions in many Countries and places of Europe, much war, contention, and bloodshed, and devastation by fire and sword, which the conjunction of Saturn and Mars in October will notably augment, and help to set forward, especially in those places subject to the first Quadrangle, and they are, Austria, France, Germany, England, Suevia, Denmark, Poland, Scotland, Holland, Zeland, the Orchades, &c. Yet Haly saith, that the things intended by the present position, will be more visible and apparent in the Eastern parts. Nevertheless let us in England be carefull and vigilant, and above all, let us pray unto Almighty God that in mercy he may avert his Judgments impending, and settle a true and lasting peace amongst us. Si Sol iunctus cum Marte, significat lites & interfectiones multas, And Haly hath this saying, fol. 191. Si quando ☽ iunctus fuerit cum ♄ fiunt quilibet alteri fraudes & deceptiones, & erunt inter homines percussiones & vulnera, etiam accidet regi impedimentum, &c. But I have no more to say, unless it be to Italy, Ireland, Norway, and Sweden, to whom there is some happiness and prosperity promised.

Winter Quarter takes its initiation at such time as our earthly Globe by its circumrotation hath volved it self to the greatest Northern Inclination, whereby we the Northern Inhabitants being furthest deflected from the Suns-Rays, receive least portion of Sun-light, causing our shortest day and longest night; or (according to appearance) when the Sun enters into Capricorn, which either way taken, happens this year upon Saturday the 11 of December at 42 after high noon, the 28 deg. of Aries ascending in the East.

In the Figure of the Suns Ingress, we find Jupiter in the 5 house, Saturn, Mars, and the Moon in the 7 Sol and Mercury in the 9 and Venus in the 11. But Mars is sole Lord and Almuten, having in the 3 radicall Schemes of this Quarter, 43. testimonies of fortitude, and because he is also chief of the Year, and not beheld (at time of the ingress) of any Planet of a cold nature, it is (I conceive) the sign of a warm Winter; Loi Origanus, and the best Astrologers say: Mars cum præfuerit anno absque Aspectu Saturni, vel Planetæ Infrigidantis, hyemis frigora contemperat, & eo magis si in calido signo sit, & ascendat in sue circulo.

The Diseases that commonly accompany this Quarter, are Rheumes, Coughs, Catharres, Head-aches, Noxious Distillations, Cholick, Falling-Sickness, Inflammation of the Lungs, &c. And these are such as are the natural effects

effects of this season, but I suppose, sickness will not much abound this Quarter, unless among the Female sex. Significantur mulieribus infirmitates provenientes ex intemperantia cibi & potus, & debilitate Stomachi.

The Actions of men are now superlative, and though the season is cold, yet men are hot, and bind enough in their resolutions, whence we may justly fear, that grand Controversies, Quarrels, and fresh Troubles will happen in some Nations of Europe, which if not prevented in due time, may cause grievous horror, and involve them in a Labirinth of Perplexities. Mars in 7. discordias & odia pernitiosa, quæ Cædes sequuntur, excitat, & furta frequentia nunciat. Many Thefts and Robberies are portended, and the people shall receive much detriment by their Kings and Rulers, who shall exercise great tyranny to their Subjects, and shall much oppress them with Taxes and Impositions, and the like, as the position of Mars in the Medium Cæli, at the conjunction Postventis shall, foretels Mars in decima (saith the famous Origanus 476.) Significat tyrannidem, qua Reges & principes subditos negletâ pietate & justitiâ interficiunt, spoliant, vel tributis exhauriunt.

I have nothing more to say upon this Revolution save only to tell thee that the Stacres are but Second causes, yet have their singular influence upon this inferiour Globe. Omnes Stellæ agunt in hæc inferiora pro diverso positu, diversâque naturâ I have caused it (saith the Lord) to rain upon one City and not upon another. Amos 4.7. Wherefore 'tis only God Almighty that can alter the course of nature when he pleaseth, to bring Judgments upon a Land and Nation for their rebellion and impiette against him; otherwise no question but the Alterations and Changes which are caused in and upon these Inferiours, by the various configuration of the Celestial Bodies, may oft-times be foreseen and provided, according to the 4. Aphoritm of Ptolomæus in his Centiloquium. Potest hujus Scientiæ professor multos effectus stellarum everrere, quando nec naturas illarum ignorat, & seipsum antequam effectus accidat diligenter præparaverit.

Astra movere Deus, tollere & astra potest.

Table, shewing the true hour of the Day, by the shadow of the Sun, and the help of a plain Staff, divided into 12 equall parts.

No. before noon. / No. after noon.		12	11 1	10 2	9 3	8 4	7 5	6 6	
June 11	12	6.	7 7.	3 9.	0 11	7	9 16.	2 13.	5 16.	0 18.
	30	25 June	6.	8 7.	5 9.	2 12	7 16.	5 30.	5 26.	8 21.
May.	30	5	7.	8 7.	8 9.	6 12	5 17.	0 24.	4 38.	8 72.
	30	19 July	7.	7 8.	3 10.	1 13	1 17.	9 26.	0 42.	5 146.
	30	23	8.	4 9.	0 10.	8 14	0 19.	3 28.	2 43.	1 128.
April	30	9	9.	3 9.	9 11.	8 15	8 21.	0 31.	5 57.	7 251.
	10	12 Aug.	10.	4 11	0 13.	0 16	7 23.	2 33.	9 72.	6
	30	25	11.	9 12.	0 14.	8 19	0 24.	8 43.	9 110	5
Mar.	20	2	13.	6 14.	4 16.	9 21	8 31.	5 55.	4 218.	8
	10	11 Sep.	15.	7 16.	8 19.	4 25	5 37.	7 71.	5	
	28	23	18	2 19.	2 23.	6 29	9 47.	0 117	5	
Feb.	20	1	20.	8 21.	7 25.	7 34	1 77.	8 206.	0	
	10	11 Oct.	24.	0 23	4 30.	4 42	3 170.	5		
	31	22	28.	5 30.	3 36.	9 54	8 195	4		
Jan.	20	1	33.	2 35.	7 44.	2 69	1 278.	2		
	10	11 Nov.	38.	8 41.	8 57.	5 92	6			
	30	22	44.	1 47.	8 102.	9 139	0			
Dec.	20	2	47.	5 51.	7 169.	3 246	5			
	10	12 Dec.	48.	6 53.	0 714.	0 355.	9			

To find the hour of the Day speedily by this Table.

TAke a Staff or Rod, of what length you please, and divide it into 12 equal parts, then set it upright in some plain level place, where the Sun doth shine, and measure how many such parts the length of the shadow thereof contains, which find out in the Table, right against the day of the moneth, and in the same column over head, you have the true hour of the day. But if you cannot finde the just day of the moneth, whether the number of the said parts exactly, you may either make proportion, or take the nearest thereto; and so may you very easily obtain the hour of the day, as by this example appears.

Suppose that upon the 30 of April or 23 of July I erect my staff upon level ground, where the Sun shines, and finde the shadow thereof to contain 14 (that is my staff length and two parts more) now seeking in the Table against the said day, for 14., I finde over-head, that it is then either 9 a clock before noon, or 3 after-noon, which you may distinguish by your own judgment.

In the use of the Table you are to observe that the first Figure towards the left hand, is for the parts of your staff, and the second is but a fraction, to shew that the shadow is more then so many even parts, each part being divided into 10. As upon the 10 of April, at 9 a clock morning, the shadow is 16.7 that is 16 whole parts, and almost three quarters. So the 10 of Jan at the same hour the shadow is 69. 6. that is 69 parts and a half, because to make a whole part. Thus by observing these directions you may exactly know how the day passeth away, wheresoever you are or travell.